

STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION

RECORD OF WELLS
IN
NASSAU COUNTY, N.Y.
SUPPLEMENT 2

In addition to those published in
U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 44
and
WATER POWER AND CONTROL COMMISSION BULLETINS
GW-5 (1938) and GW-10 (1946)

PREPARED BY THE STAFF OF THE LONG ISLAND
OFFICE OF THE WATER POWER AND CONTROL COMMISSION



BULLETIN GW-39

ALBANY
1958



STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION

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RECORD OF WELL LOGS IN NASSAU COUNTY

In 1906 the United States Geological Survey professional paper No. 44 (Underground Water Resources of Long Island, New York) by A. C. Veatch, C. S. Slichter, Isaiah Bowman, W. Crosby and R. E. Horton was published. This constituted the first descriptive report and publication of the logs of wells drilled or recorded on Long Island and 44 of the 900 wells listed are located in Nassau county.

In 1938 New York State Water Power and Control Commission Ground Water Bulletin No. 5 "Record of Wells, Nassau County" was published which supplied similar data on 207 additional wells.

New York State Water Power and Control Commission Ground Water Bulletin No. 10 "Record of Wells in Nassau County" published in 1946 added the logs of 213 wells to the published records. This bulletin and the two previous publications listed above gave consideration to all wells of record in Nassau county up to well number N-2132.

The well numbering system used in these Ground Water Bulletins is in general used by drillers, engineers and others on Long Island and was originated by the Water Power and Control Commission. Each well has been assigned a separate number that carries the first letter of the County name N-5136, N-5962, etc. In general the numbers have been assigned in each county in the order in which the records were filed, and the numbers therefore have no geographic significance.

The files of the Commission as of January 1, 1957, the closing date of this report, contained records of 6,100 wells put down in Nassau county. The present report starts where Ground Water Bulletin No. 10 ended and contains the logs of 676 wells so that the number of logs of wells located in Nassau county which have been published (total of three previous publications and this bulletin) totals 1140.

As there are records in the Commission's office of 6100 wells in Nassau county, although only 1140 logs of those wells have been published, there appears to be a considerable amount of information which has not been made available. Actually, all data of importance existing on the records of all of the recorded wells has been published. In compiling this report records have not been used which concern shallow well points or which are otherwise so incomplete that no information is recorded that would be helpful to the geologist, well driller or other persons seeking data. A further elimination has been made by selecting the one most informative record where a number of wells are located in a small area.

The location of the wells whose logs are given in this report are shown on Plate No. 1 at the end of the report. To aid the reader in finding a well location, the map is divided into rectangles which at the margins are lettered B, C, D and E from bottom to top, and numbered 4, 5, 6, 7 and 8 from left to right. These co-ordinates are given in the heading of each well log (following the well number). These logs are generally based on information given by completion reports for the wells filed by the well drillers and the locations of the wells were also obtained from these reports.

All measurements are from land surfaces unless otherwise noted.

Copies of this and other Ground Water Bulletins of the Water Power and Control Commission may be consulted at the office of the Commission in either Albany or Jamaica, at most of the libraries on Long Island and metropolitan New York. A list of these reports is given at the end of this bulletin.

N-2134. (C-5) Alaric Realty Corp. (Wedemeyer Bldg.), Jericho Turnpike and Denton Avenue, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 2, 1946.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Fine brown sand and gravel | 6 | 6 |
| Medium coarse brown sand, grits, gravel | 29 | 35 |
| Coarse brown sand, grits | 11 | 46 |
| Medium brown sand | 14 | 60 |
| Coarse brown sand, grits and gravel | 13 | 73 |
| Medium brown sand, large stones | | below 73 |

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 74 feet.

Static water level: 38½ feet

Yield: 69 gpm

N-2135. (E-6) Sherman Pratt, Horse Hollow Road and Sheep Lane, Locust Valley. Drilled by E. K. Hutchinson and Son, August 14, 1946.

Log shows 80 feet of clay, sand and gravel with several boulders.

Casing: 8 inches.

Screen: 6 feet of 8 inch with bottom at 80 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 20, 1946. Duration: | 6 hours |
| Static water level: | 60 feet |
| Drawdown: | 20 feet |
| Yield: | 200 gpm |

N-2172. (B-5) Harry Schwartz, East Rockaway Road and Paine Road, East Rockaway. Drilled by Sweeney & Gray Co., Inc., January 6, 1947.

Log shows 20 feet of coarse sand.

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 20 feet.

Pumping test:

| | |
|----------------------------------|---------|
| January 6, 1947. Duration: | 4 hours |
| Static water level: | 4 feet |
| Drawdown: | 11 feet |
| Yield: | 69 gpm |

N-2180. (D-6) R. Keiserwetter, Searington Road and I. U. Willets Road, Albertson. Drilled by Fred Habenicht & Sons, February 21, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Sand, clay | 21 | 29 |
| Dirty brown sand | 32 | 61 |
| Brown hard clay (dry) | 35 | 96 |
| Sand and gravel | 35 | 131 |

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 131 feet.

Pumping test:

| | |
|---------------------------------|---------|
| August 1, 1946. Duration: | 7 hours |
| Static water level: | 53 feet |
| Drawdown: | 3 feet |
| Yield: | 20 gpm |

N-2186. (C-7) George Butterwick, Bellmore Road and Janet Avenue, North Bellmore. Drilled by C. W. Lauman & Co., Inc., September 27, 1946.

Log shows 34 feet of sand and gravel.

All measurements taken from bottom of 6 foot pit.

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

| | |
|---------------------------|--------|
| Static water level: | 7 feet |
| Yield: | 50 gpm |

N-2188. (C-7) Henry Botsch, Barnum Avenue and Front Street, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 17, 1946.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and gravel | 6 | 8 |
| Sand and grit | 2 | 10 |
| Sand and coarse gravel | 18 | 28 |
| Grit | 1 | 29 |
| Sand and grit | 5 | 34 |
| Sand and coarse gravel | 4 | 38 |
| Casing: 4 inches. | | |
| Screen: 11 feet of 4 inch with bottom at 38 feet. | | |
| Static water level: | 15 feet | |
| Yield: | 300 gpm | |

N-2192. (E-8) H. Horst, Cove Neck, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 9, 1946.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Sand and gravel | 15 | 18 |
| Sandy clay | 105 | 123 |
| Sand and gravel (clean) | 15 | 138 |
| Casing: 8 inches. | | |
| Screen: 11 feet of 8 inch with bottom at 138 feet. | | |
| Pumping test: | | |
| September 7, 1946. Duration: | 4 hours | |
| Static water level: | 12 feet | |
| Drawdown: | 11 feet | |
| Yield: | 25 gpm | |

N-2203. (B-5) William G. Feger, Richmond Avenue and Harbor Road, Meyer Harbor. Drilled by C. W. Lauman & Co., Inc., December 9, 1946.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Brown sand and grit | 35 | 35 |
| Beach sand | 15 | 50 |
| Brown sand and grit | 25 | 75 |
| Dark gray clay | 37 | 112 |
| Black sand | 8 | 120 |
| Hard dark gray clay | 27 | 147 |
| Brown sand and grit | 16 | 163 |
| Gray sand | 19 | 182 |
| Casing: 2½ inches. | | |
| Screen: 5 feet of 2 inch with bottom at 164 feet. | | |
| Static water level: | 2 feet | |
| Yield: | 520 gpm | |

N-2214. (D-4) Citizens Water-Supply Company of Newtown, Potters Lane and Steamboat Road, Great Neck. Drilled by Layne-New York Co., Inc.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Hard sand and clay | 8 | 10 |
| Sand, gravel and boulders | 17 | 27 |
| Boulders and sand | 10 | 37 |
| Sandy clay | 31 | 68 |
| Tough clay | 26 | 94 |
| Clay and boulders | 4 | 98 |
| Tough clay | 122 | 220 |
| Coarse sand, fine gravel and fine sand | 70 | 290 |
| Streaks of clay and sand | 50 | 340 |
| Hard clay | 3 | 343 |

Casing: 26, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 286 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 20, 1947. Duration: | 8 hours |
| Static water level: | 43 feet |
| Drawdown: | 76 feet |
| Yield: | 1065 gpm |

N-2215. (B-7) Fourtown Realty Corporation (Freeport Theatre), Sunrise Highway and Henry Street, Freeport. Drilled by Sweeney & Gray Co., Inc., March 18, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Coarse dry sand | 5 | 10 |
| Coarse sand and gravel | 37 | 47 |

Casing: 12 inches.

Screen: 21 feet of 12 inch with bottom at 47 feet.

Pumping test:

| | |
|---------------------------------|---------|
| March 17, 1947. Duration: | 8 hours |
| Static water level: | 10 feet |
| Drawdown: | 25 feet |
| Yield: | 400 gpm |

N-2216. (B-6) Wayne Realty Corporation, (Baldwin Theatre), Merrick Road and Park Avenue, Baldwin. Drilled by Sweeney & Gray Co., Inc., April 24, 1947.

Log shows 29 feet of sand and gravel.

Casing: 10 inches.

Screen: 21 feet of 10 inch with bottom at 29 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 24, 1947. Duration: | 8 hours |
| Static water level: | 10 feet |
| Drawdown: | 15 feet |
| Yield: | 300 gpm |

N-2219. (D-5) Paerdegat Amusement Corporation, (Alan Theatre), 1614 Hillside Avenue, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., November 30, 1946.

Log shows 95 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 95 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 26, 1947. Duration: | 8 hours |
| Static water level: | 45 feet |
| Drawdown: | 20 feet |
| Yield: | 250 gpm |

N-2225. (B-8) Michael J. Stanton, East Shore Drive, Nassau Shores, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 9, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Swamp muck | 7 | 10 |
| Medium fine sand and stones | 22 | 32 |
| Beach sand | 22 | 54 |
| Fine sand and clay | 10 | 64 |
| Dirty sand, clam shells | 11 | 75 |
| Dark gray clay, little sand | 19 | 94 |
| Soupy sand, clay and hardpan | 12 | 106 |
| Very fine soupy sand | 29 | 135 |
| Hardpan clay and wood | 1 | 136 |
| Fine sand | 29 | 165 |
| Medium coarse gray sand | 8 | 173 |

Note: Log begins 3 feet below surface.

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 170 feet.

| | |
|----------------------------|-------------|
| *Static water level: | 3 to 6 feet |
| Yield: | 60 gpm |

*Water level varies with tide.

N-2226. (C-7) The Perfectoloid Company, Swenson Place and Newbridge Road, Bellmore. Drilled by Stanley Molinari, September 17, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 3 | 5 |
| Sand and gravel | 14 | 19 |
| Coarse sand and gravel | 21 | 40 |

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 40 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 27, 1947. Duration: | 1 hour |
| Static water level: | 10 feet |
| Drawdown: | 12 feet |
| Yield: | 240 gpm |

N-2227. (C-5) Hunter Douglas Corporation, Nassau Terminal Road, New Hyde Park.
Drilled by C. W. Lauman & Co., Inc., March 22, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Medium coarse sand | 3 | 5 |
| Medium coarse sand and gravel | 71 | 76 |
| Casing: 8 inches. | | |
| Screen: 11 feet of 6 inch with bottom at 76 feet. | | |
| Pumping test: | | |
| June 2, 1947. Static water level: | 28 | feet |
| Drawdown: | 7 | feet |
| Yield: | 216 | gpm |

N-2230. (C-6) Arnold Brilhart Ltd., Old Country Road and Guinea Woods Road, Mineola.
Drilled by C. W. Lauman & Co., Inc., February 26, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Sand and gravel | 32 | 40 |
| Sand, few gravel | 45 | 85 |
| Casing: 8 inches. | | |
| Screen: 15 feet of 6 inch with bottom at 85 feet. | | |
| Static water level: | 37 | feet |
| Yield: | 200 | gpm |

N-2239. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and Railroad Avenue, West Hempstead. Drilled by Layne-New York Co., Inc., March 18, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 30 | 30 |
| Light brown sand | 22 | 52 |
| Coarse brown sand and gravel | 22 | 74 |
| Sand and streaks of clay | 31 | 105 |
| Medium gray sand and gravel | 37 | 142 |
| Coarse sand and gravel | 38 | 180 |
| Sandy clay | 6 | 186 |
| Casing: 30, 24 and 16 inches. | | |
| Screen: 40 feet of 16 inch with bottom at 148 feet. | | |
| Pumping test: | | |
| March 18, 1947. Duration: | 8 | hours |
| Static water level: | 26 | feet |
| Drawdown: | 17 | feet |
| Yield: | 1012 | gpm |

N-2240. (C-8) Michael Catapano, Hicksville Road and South Oyster Bay Road, Hicksville.
Drilled by C. W. Lauman & Co., Inc., February 27, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Top soil, loam | 4 | 4 |
| Coarse brown sand, grit and gravel | 37 | 41 |
| Medium coarse brown sand, grit and gravel (dirty) | 29 | 70 |
| Coarse brown sand, grit and gravel | 19 | 89 |

N-2240. (*Continued*)

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 89 feet.

Pumping test:

May 19, 1947. Static water level: 42 feet
Yield: 340 gpm

N-2241. (E-7) George F. Baker, Jr., Centre Island. Drilled by E. K. Hutchinson and Son, October 1, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Sand and clay | 129 | 129 |
| Gravel (salt water) | 10 | 139 |
| Solid clay | 220 | 359 |
| Sand and gravel | 25 | 384 |

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 376 feet.

Pumping test:

October 1, 1947. Duration: 4 hours
Static water level: +6 feet (flowing)
Drawdown: 16 feet
Yield: 400 gpm

N-2259. (C-5) Franklin Square National Bank, Hempstead Turnpike and James Street, Franklin Square. Drilled by Eastern Well & Pump Co., May 12, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Coarse clean sharp sand and gravel | 63 | 63 |
| Medium coarse sand and grit | 3 | 66 |

Casing: 8 inches.

Screen: 20 feet of 6 inch with bottom at 66 feet.

Pumping test:

May 12, 1947. Duration: 3 hours
Static water level: 16 feet
Drawdown: 15 feet
Yield: 300 gpm

N-2260. (C-5) Miller Brothers, Nassau Boulevard and Dogwood Avenue, Hempstead. Drilled by Eastern Well & Pump Co., March 12, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Sandy clay | 2 | 3 |
| Coarse brown sand and gravel | 58 | 61 |

Casing: 6 inches.

Screen: 21 feet of 6 inch with bottom at 62 feet.

Static water level: 16 feet
Yield: 300 gpm

N-2306. (E-7) Mrs. Florence E. Dickerman Estate, Mill Hill Road, Mill Neck. Drilled by Layne-New York Co., Inc., January 15, 1932.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Black loam | 4 | 4 |
| White sand and gravel | 11 | 15 |
| Red sand and gravel | 4 | 19 |
| Yellow sand and gravel | 28 | 47 |
| Gravel | 6 | 53 |
| Yellow clay | 4 | 57 |
| Gravel | 5 | 62 |
| Brown sand and gravel | 28 | 90 |
| Fine brown sand and gravel | 6 | 96 |
| Gravel and sand | 4 | 100 |
| Fine brown sand and small gravel | 21 | 121 |
| Coarse sand and gravel | 6 | 127 |
| Coarse gravel and clay | 6 | 133 |
| Coarse brown sand and gravel | 9 | 142 |
| Fine sand and gravel | 12 | 154 |
| Coarse brown sand and gravel | 26 | 180 |
| Hard packed white sand | 14 | 194 |
| Red clay | 2 | 196 |

Casing: 12 and 8 inches.

Screen: 26 feet of 8 inch with bottom at 166 feet.

Pumping test:

January 15, 1932. Duration: 8 hours
Static water level: 2 feet
Drawdown: 7 feet
Yield: 222 gpm

N-2358. (B-5) C. E. Kahr Estate, Cedar Avenue and Meadowview Avenue, Hewlett. Drilled by C. W. Lauman & Co., Inc., May 6, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Heavy gravel | 5 | 6 |
| Fine white sand | 6 | 12 |
| Coarse brown sand and small gravel | 20 | 32 |
| Gray sandy clay | 14 | 46 |
| Solid gray clay | 7 | 53 |
| Fine beach sand | 7 | 60 |
| Coarse brown sand and grits | 10 | 70 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 70 feet.

Static water level: 13 feet
Yield: 50 gpm

N-2360. (C-5) H. C. Bohack Co., Inc., Elmont Road and Linden Boulevard, Elmont. Drilled by Sweeney & Gray Co., Inc., May 2, 1947.

Log shows 49 feet of sand and gravel which is measured from cellar floor 7 feet below surface.

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 49 feet.

N-2360. (*Continued*)

Pumping test:

| | | |
|--------------|---------------------------|---------|
| May 2, 1947. | Duration: | 8 hours |
| | Static water level: | 11 feet |
| | Drawdown: | 19 feet |
| | Yield: | 69 gpm |

N-2399. (C-6) Calderone-Mineola Theatre Corporation, Mineola Boulevard and First Street, Mineola. Drilled by S. J. Breen Co., Inc., July 23, 1947.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Excavated (basement) | 7 | 7 |
| Sand and stones | 23 | 30 |
| Coarse sand stones and gravel..... | 30 | 60 |
| Sand and gravel | 20 | 80 |

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 80 feet.

Pumping test:

| | | |
|----------------|---------------------------|---------|
| July 23, 1947. | Duration: | 4 hours |
| | Static water level: | 37 feet |
| | Drawdown: | 13 feet |
| | Yield: | 360 gpm |

N-2400. (D-6) Roslyn Water District, Locust Lane and Old Westbury Road, Roslyn. Drilled by Layne-New York Co., Inc., July 7, 1947.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Sand and boulders | 33 | 33 |
| Sand, gravel and boulders | 67 | 100 |
| Sand and streaks of clay | 59 | 159 |
| Sandy clay | 62 | 221 |
| Sand and clay streaks | 53 | 274 |
| Tough clay | 10 | 284 |
| Gray sand and some clay | 50 | 334 |
| Sandy clay | 10 | 344 |
| Gray sand and hard streaks | 24 | 368 |
| Tough clay | 20 | 388 |
| Coarse sand and gravel | 56 | 444 |
| Gravel and clay | 33 | 477 |
| Tough clay | 12 | 489 |

Casing: 38, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 439 feet.

Pumping test:

| | | |
|----------------|----------------------------|----------|
| July 14, 1947. | Duration: | 10 hours |
| | Static water level:, | 94 feet |
| | Drawdown: | 19 feet |
| | Yield: | 1029 gpm |

N-2401. (E-7) Miss Alice D. Weekes, East Main Street, Oyster Bay. Drilled by Watson & Hazel, September 26, 1947.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Sand and gravel | 44 | 47 |

(Continued on next page)

N-2401. (*Continued*)

| <i>(Continued)</i> | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Dirty brown fine sand | 34 | 81 |
| Fine brown clay | 8 | 89 |
| Clay and sand | 10 | 99 |
| Very coarse sand and some gravel | 22 | 121 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 119 feet.

Pumping test:

Static Water Level: well flows
Yield: 25 gpm

N-2409. (E-8) State of New York—Conservation Department, Cold Spring Harbor Fish Hatchery, Cold Spring Harbor. Drilled by Long Island Water Supply Co., Inc., September 10, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Sand and gravel | 30 | 30 |
| Brown sand and gravel | 10 | 40 |
| Fine brown sand | 12 | 52 |
| Fine brown sand, some clay | 11 | 63 |
| Fine brown sand and gravel | 7 | 70 |
| Brown sand and gravel | 10 | 80 |
| Fine sand and gravel | 8 | 88 |
| Light brown sand | 2 | 90 |
| Fine brown sand (dirty) | 3 | 93 |

Casing: 10 inches.

Screen: 20 feet of 10 inch. with bottom at 86 feet.

Pumping test:

Pumping test:
September 10, 1947. Duration: 24 hours
Static water level: well flows
Drawdown: 22 feet
Yield: 400 gpm

N-2411. (B-6) Baldwin Boat Basin, Millburn Creek and Atlantic Avenue, Baldwin. Drilled by Eastern Well & Pump Co., July 12, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Sand and fill | 1 | 1 |
| Hard brown clay | 2 | 3 |
| Stinky bog | 10 | 13 |
| White sand and gravel | 11 | 24 |
| Very fine gray sand | 13 | 37 |
| Fine gray sand, grits and gravel | 7 | 44 |
| Coarse grits, gravel and little sand | 2 | 46 |
| Fine white sand | 2 | 48 |
| Dark gray clay | 2 | 50 |
| Dirty gray sand, grits and few gravel | 5 | 55 |
| Hard black clay | 4 | 59 |
| Fine dirty gray sand | 14 | 73 |
| Dirty white sand | 3 | 76 |
| Medium coarse sand, grits | 7 | 83 |
| Medium fine white sand | 2 | 85 |

N-2411. (*Continued*)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 85 feet.

Pumping test:

| | |
|--------------------------------|--------|
| July 14, 1947. Duration: | 1 day |
| Static water level: | flows |
| Drawdown: | 8 feet |
| Yield: | 15 gpm |

N-2413. (C-5) Jamaica Water Supply Company, Miriam Parkway and Lenox Street, Elmont. Drilled by Layne-New York Co., Inc., January 19, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand | 31 | 31 |
| Brown sand and gravel | 61 | 92 |
| Tough blue clay | 6 | 98 |
| Sandy clay and wood | 20 | 118 |
| Black clay and sand | 22 | 140 |
| Tough clay | 48 | 188 |
| Clay and sand | 39 | 227 |
| Fine sand | 6 | 233 |
| Sandy clay and wood | 45 | 278 |
| Sandy clay | 16 | 294 |
| Sand and wood | 19 | 313 |
| Tough clay | 3 | 316 |
| Medium gray sand | 9 | 325 |
| Coarse sand and gravel | 54 | 379 |
| Sand and clay | 21 | 400 |
| Fine sand and wood | 13 | 413 |
| Tough clay | 13 | 426 |
| Medium coarse, gray sand | 44 | 470 |
| Tough clay | 3 | 473 |
| Coarse sand and gravel | 35 | 508 |
| Tough clay below 508 feet | | |

Casing: 26, 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 508 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 19, 1949. Duration: | 3 hours |
| Static water level: | 26 feet |
| Drawdown: | 140 feet |
| Yield: | 975 gpm |

N-2416. (E-7) Faris Russell, Mill Neck Road and Brookville Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., August 13, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------------------|---------------------|-----------------|
| Loam and large stones | 4 | 4 |
| Brown sandy clay and large boulders | 24 | 28 |
| Brown sandy clay and mica | 30 | 58 |
| Medium brown sand and mica (dirty) | 8 | 66 |
| Coarse brown sand and mica, lumps of brown clay | 7 | 73 |
| Coarse brown sand and mica | 13 | 86 |
| Coarse brown sand and heavy gravel | 5 | 91 |
| Coarse brown sand, gravel and lumps of brown and white clay below 91 feet | | |

(Continued on next page)

N-2416. (*Continued*)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 90 feet.

Pumping test:

| | | |
|------------------|---------------------------|---------|
| August 12, 1947. | Static water level: | flows |
| | Drawdown: | 12 feet |
| | Yield: | 100 gpm |

N-2418. (C-6) General Bronze Corporation, Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., August 6, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and gravel | 52 | 54 |
| Medium sand, few gravel | 2 | 56 |
| Yellow clay with gravel | 16 | 72 |

Casing: 10 inches.

Screen: 16 feet of 10 inch with bottom at 53 feet.

| | |
|---------------------------|---------|
| Static water level: | 15 feet |
| Yield: | 350 gpm |

N-2421. (B-5) P. Harris, Wedgewood Lane and Regent Drive, Lawrence. Drilled by C. W. Lauman & Co., Inc., July 26, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Sand, gravel and stones | 15 | 17 |
| Fine white sand | 4 | 21 |
| Medium coarse sand, gravel and stones | 14 | 35 |
| Medium fine white sand | 10 | 45 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 45 feet.

| | |
|---------------------------|---------|
| Static water level: | 16 feet |
| Yield: | 50 gpm |

N-2424. (D-6) Long Island Lighting Company, Shore Road and Glen Head Road, Glenwood Landing. Drilled by C. W. Lauman & Co., Inc., August 30, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Clay, sand and stones | 4 | 4 |
| White clean fine sand | 3 | 7 |
| Yellow clayey sand | 5 | 12 |
| Brown coarse sand, lumps soft clay | 18 | 30 |
| Brown coarse sand, lumps soft clay, some grits | 26 | 56 |
| Red brown sand, grits, clay, hard pan | 2 | 58 |
| Very clayey sand—80% clay | 80 | 88 |
| Yellow clayey medium coarse sand, few grits, 30% clay..... | 10 | 98 |
| Yellow clayey coarse sand | 30 | 128 |
| Gray-white fine sand—clayey | 12 | 140 |
| Coarse sand, grits—little clayey | 20 | 160 |
| Clayey sand and gravel | 38 | 198 |
| White sandy clay | 36 | 234 |

N-2424. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Dark gray solid clay | 16 | 250 |
| Medium gray solid clay | 22 | 272 |
| Red-brown clay little sandy | 9 | 281 |
| Red clay and hard pan | 3 | 284 |
| Sandy clay and layers of hard pan | 16 | 300 |
| Gray and black solid clay | 17 | 317 |
| Thin layers of red and gray clay | 13 | 330 |
| Fine red sandy clay—hard | 17 | 347 |
| Red and gray solid clay—very hard | 13 | 360 |
| Very hard red and gray clay and layers of hard pan | 9 | 369 |
| Sandy clay, some grits | 28 | 397 |
| Fine sandy clay, few grits | 13 | 410 |
| Fine clayey sand and grits | 25 | 435 |
| Brown clayey sand and grits | 35 | 470 |

Casing: 12 inches.

Screen: 34 feet of 8 inch with bottom at 459 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 30, 1948. Duration: | 8 hours |
| Static water level: | 21 feet |
| Drawdown: | 54 feet |
| Yield: | 504 gpm |

Note: Water temperature 57° Fahrenheit.

N-2462. (C-7) Raymond G. Fish, Jerusalem Road and Newbridge Road, East Meadow.
Drilled by Eastern Well & Pump Co., August 1947.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Medium coarse brown sand and gravel | 8 | 10 |
| Coarse light brown sand, gravel | 12 | 22 |
| Very coarse light brown sand gravel | 30 | 52 |

Casing: 6 inches.

Screen: 22 feet of 6 inch with bottom at 52 feet.

Pumping test:

| | |
|------------------------------|---------|
| August 1947. Duration: | 2 hours |
| Static water level: | 8 feet |
| Yield: | 400 gpm |

N-2464. (C-7) Kosel Brothers, Jerusalem Road and Jerusalem Avenue, East Hempstead.
Drilled by Eastern Well & Pump Co., August 1947.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Top soil and clay | 2 | 2 |
| Brown sand and gravel | 6 | 8 |
| Coarse white sand gravel | 33 | 41 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 41 feet.

Pumping test:

| | |
|------------------------------|---------|
| August 1947. Duration: | 3 hours |
| Static water level: | 10 feet |
| Drawdown: | 11 feet |
| Yield: | 275 gpm |

N-2487. (D-6) Village of Williston Park, William Street and Campbell Avenue, Williston Park. Drilled by Layne-New York Co., Inc., March 12, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Sand gravel and boulders | 76 | 76 |
| Coarse brown sand and boulders | 44 | 120 |
| Sand gravel and boulders | 35 | 155 |
| Sand clay | 10 | 165 |
| Hard sand and clay | 29 | 194 |
| Sand and streaks of clay | 10 | 204 |
| Sand and gravel | 11 | 215 |
| Tough clay | 10 | 225 |
| Sand and gravel | 24 | 249 |
| Tough clay | 43 | 292 |
| Sand and gravel | 46 | 338 |
| Tough clay | 27 | 365 |
| Sand and gravel | 25 | 390 |
| Sandy clay | 14 | 404 |
| Clay | 30 | 434 |

Casing: 38, 26, 18, 10 inches.

Screen: 40 feet of 10 inch with bottom at 338 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 11, 1948. Duration: | 8 hours |
| Static water level: | 63 feet |
| Drawdown: | 30 feet |
| Yield: | 1055 gpm |

N-2488. (B-5) S. R. Lazarus, Southeast of Ocean Avenue and Tanglewood Crossing, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 13, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Brown gravel and heavy grits | 4 | 5 |
| White beach sand | 7 | 12 |
| White beach sand and grits | 1 | 13 |
| White beach sand | 5 | 18 |
| Fine brown sand | 4 | 22 |
| Brown sand and heavy gravel | 7 | 29 |
| Light brown sand and grits | 9 | 38 |
| Dark brown sand and clay | 2 | 40 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 38 feet.

N-2491. (E-7) Richard Newton, Centre Island. Drilled by Long Island Water Supply Co., Inc., November 5, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Hard pan | 160 | 160 |
| Sand and gravel | 7 | 167 |
| Blue clay | 15 | 182 |
| Sandy gray clay | 220 | 402 |
| Sand and gravel | 37 | 439 |

N-2491. (*Continued*)

Casing: 8 and 6 inches.

Screen: 11 feet of 6 inch with bottom at 439 feet.

Pumping test:

| | | |
|-----------------------------|-------|---------|
| November 5, 1947. Duration: | ..... | 4 hours |
| Static water level: | ..... | 52 feet |
| Drawdown: | ..... | 10 feet |
| Yield: | ..... | 40 gpm |

N-2532. (C-8) Charles Joseph, Southern Parkway and Massapequa-Hicksville Road, Massapequa. Drilled by Eastern Well & Pump Co., October 1947.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Coarse light and brown sand grits gravel | 47 | 50 |
| Casing: 6 inches. | | |
| Screen: 16 feet of 6 inch with bottom at 49 feet. | | |
| Pumping test: | | |
| October 1948. Duration: | ..... | 2 hours |
| Static water level: | ..... | 18 feet |
| Drawdown: | ..... | 6 feet |
| Yield: | ..... | 143 gpm |

N-2560. (E-7) David Kennedy, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 30, 1947.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Gravel and hard pan | 5 | 5 |
| Gravel and sandy clay | 150 | 155 |
| Red, blue and gray clay | 62 | 317 |
| Dirty sand and gravel | 20 | 337 |
| Red and gray clay | 43 | 380 |
| Sand and gravel, balls of white clay | 87 | 417 |
| Casing: 8 and 6 inches. | | |
| Screen: 21 feet of 6 inch with bottom at 417 feet. | | |
| Pumping test: | | |
| December 30, 1947. Duration: | ..... | 4 hours |
| Static water level: | ..... | 11 feet |
| Drawdown: | ..... | 11 feet |
| Yield: | ..... | 50 gpm |

N-2565. (C-6) Garden City Park Water District, Marcus Avenue and Jericho Turnpike, Garden City Park. Drilled by Layne-New York Co., Inc., February 11, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Sand and gravel | 49 | 49 |
| Light brown sand and gravel | 60 | 109 |
| Orange sandy clay | 12 | 121 |
| Hard Packed sand | 39 | 160 |

(Continued on next page)

N-2565. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand clay | 22 | 182 |
| White sandy clay | 56 | 238 |
| Sand, little clay | 43 | 281 |
| Clay | 5 | 286 |
| Hard packed sand, clay | 37 | 323 |
| Hard packed sand | 32 | 355 |
| Clay | 6 | 361 |
| Sand and gravel | 44 | 405 |
| Clay | 7 | 412 |
| Sand | 20 | 432 |

Casing: 26, 18 and 10 inches.

Screen: 35 feet of 10 inch, with bottom at 405 feet.

Pumping test:

March 22, 1948. Duration: 8 hours
Static water level: 47 feet
Drawdown: 55 feet
Yield: 1025 gpm

N-2566. (D-5) Blum Estate, Smith Road and Old Motor Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., July 20, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Fill | 12 | 12 |
| Sandy clay and rocks | 35 | 47 |
| Hard sandy clay | 44 | 91 |
| Coarse sand small gravel | 14 | 105 |
| Fine sand little gravel | 20 | 125 |
| Sharp sand, little gravel | 10 | 135 |
| Clay | 3 | 138 |

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 135 feet.

Static water level: 98 feet
Yield: 28 gpm

Note: Temperature 52° Fahrenheit.
Chlorides 31 ppm.

N-2567. (E-5) T. M. Fraser, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 1, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Boulders and niggerheads | 10 | 10 |
| Heavy gravel | 45 | 55 |
| Medium coarse brown sand | 9 | 64 |
| Fine light brown sand | 19 | 82 |
| Coarse sand and gravel | 23 | 105 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 105 feet.

Static water level: 46 feet
Yield: 20 gpm

N-2576. (D-5) Glen Oaks Club, Inc., 263 Grand Central Parkway, Great Neck. Drilled by Layne-New York Co., Inc., September 16, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Sandy clay and boulders | 80 | 80 |
| Sandy clay and gravel | 33 | 113 |
| Hard pan | 4 | 117 |
| Red and white clay | 19 | 136 |
| Sandy clay | 20 | 156 |
| Medium light brown sand | 43 | 199 |
| Sandy clay and hard streaks below 199 feet | | |

Casing: 18 and 10 inches.

Screen: 20 feet of 10 inch with bottom at 197 feet.

Pumping test:

| | |
|-------------------------------------|----------|
| September 16, 1948. Duration: | 8 hours |
| Static water level: | 114 feet |
| Drawdown: | 21 feet |
| Yield: | 610 gpm |

N-2577. (C-7) New York Water Service Corp., Jefferson Street and South Street, Merrick. Drilled by Karlson & Reed, Inc., February 12, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Red coarse sand | 4 | 7 |
| Dark coarse sand and gravel | 9 | 16 |
| Clean coarse sand and gravel | 24 | 40 |
| Fine dark muddy sand | 3 | 43 |

Casing: 12 inches.

Screen: 15 feet of 12 inch with bottom at 38 feet.

Pumping test:

| | |
|------------------------------------|----------|
| February 12, 1948. Duration: | 10 hours |
| Static water level: | 14 feet |
| Drawdown: | 12 feet |
| Yield: | 455 gpm |

N-2582. (C-7) Island Trees Corp., Hempstead Turnpike and Loring Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 8, 1948.

Log shows 79 feet of coarse sand and gravel.

Casing: 12 inches.

Screen: 27 feet of 12 inch with bottom at 79 feet.

Pumping test:

| | |
|--------------------------------|----------|
| March 6, 1948. Duration: | 8 hours |
| Static water level: | 27 feet |
| Drawdown: | 30 feet |
| Yield: | 1200 gpm |

N-2584. (D-5) Colonial Sand & Stone Co., Denton Avenue and Hillside Avenue, Garden City Park. Drilled by Long Island Water Supply Co., Inc., February 11, 1948.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

Pumping test:

| | |
|------------------------------------|---------|
| February 10, 1948. Duration: | 3 hours |
| Static water level: | 6 feet |
| Drawdown: | 12 feet |
| Yield: | 125 gpm |

N-2587. (C-8) Turnpike Beverage Distributors, Hempstead Turnpike and Wantagh Avenue, Bethpage. Drilled by Eastern Well & Pump Co., June 20, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|------|---------------------|-----------------|
|------|---------------------|-----------------|

| | | |
|-----------------------------------------------------------|----|----|
| Top soil, sand and clay | 3 | 3 |
| Light brown sand and grits, large gravel and stones | 52 | 55 |
| Same as above and layers of hard pan | 6 | 61 |

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 61 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 20, 1948. Duration: | 4 hours |
| Static water level: | 26 feet |
| Drawdown: | 7 feet |
| Yield: | 188 gpm |

N-2596. (B-8) Edward Fishman, West Shore Drive, Nassau Shores, Massapequa. Drilled by Mathies Well & Pump Co., Inc., March 26, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|------|---------------------|-----------------|
|------|---------------------|-----------------|

| | | |
|----------------------------------------------------|----|-----|
| Coarse brown sand and gravel | 5 | 5 |
| Bog | 3 | 8 |
| Coarse brown sand and gravel | 41 | 49 |
| Medium white sand | 8 | 57 |
| Gray clay | 7 | 64 |
| Coarse white sand, clay shells and gray clay | 3 | 67 |
| Black clay | 25 | 92 |
| Fine white sand and gray clay | 13 | 105 |
| Fine white sand, wood and silt | 30 | 135 |
| Very fine white sand and gray clay | 17 | 152 |
| Black clay and wood | 8 | 160 |
| Coarse white sand and black clay water | 2 | 162 |
| Black clay, fine white sand | 8 | 170 |
| Very fine white sand and gray clay | 11 | 181 |
| Very fine white sand | 9 | 190 |
| Fine white sand and gray clay water and silt | 19 | 209 |
| Medium white sand and wood | 10 | 219 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 219 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 10, 1948. Duration: | 2 hours |
| Static water level: | flowing |
| Yield: | 19 gpm |

N-2597. (B-5) City of Long Beach, Lafayette Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., September 27, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 109 | 109 |
| Blue clay | 14 | 123 |
| Fine gravel and coarse sand | 21 | 144 |
| Sand and streaks of clay | 35 | 179 |
| Sand and streaks of gravel, shells and wood | 32 | 211 |
| Sand and fine gravel, streaks of clay | 28 | 249 |
| Sandy clay | 52 | 301 |
| Clay and hard streaks | 138 | 449 |
| Coarse gravel and sand | 29 | 478 |
| Clay | 6 | 484 |
| Clay and sand streaks | 16 | 500 |
| Tough clay and hard sand rock | 51 | 551 |
| Sand and gravel | 17 | 568 |
| Sand and gravel and clay streaks | 51 | 619 |
| Sand and gravel | 45 | 664 |
| Sand, clay and gravel | 20 | 684 |
| Tough clay and streaks of gravel | 60 | 744 |
| Coarse gravel, sand and hard streaks | 31 | 775 |
| Sand, clay hard streaks and wood | 21 | 796 |
| Hard clay | 30 | 826 |
| Sand, gravel and hard streaks of clay | 17 | 843 |
| Blue clay and hard streaks of sand rock | 31 | 874 |
| Sand, gravel and hard streaks | 16 | 890 |
| Tough clay | 10 | 900 |
| Clay and gravel | 87 | 987 |
| Sand, gravel and clay streaks | 65 | 1052 |
| Clay streaks and gravel | 4 | 1056 |
| Clay | 14 | 1070 |
| Clay, sand and gravel | 20 | 1090 |
| Sand and gravel | 47 | 1137 |
| Hard clay and gravel | 26 | 1163 |
| Coarse sand and gravel | 82 | 1245 |
| Clay and hard streaks | 7 | 1252 |

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1235 feet.

Pumping test:

| | |
|-------------------------------------|----------|
| September 27, 1948. Duration: | 8 hours |
| Static water level: | 9 feet |
| Drawdown: | 39 feet |
| Yield: | 1218 gpm |

N-2602. (D-7) Westbury Water District, Dryden and Tennyson Street, Westbury. Drilled by Layne-New York Co., Inc., August 11, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand and gravel | 26 | 26 |
| Brown and white clay | 16 | 42 |
| Hard packed sand and clay | 34 | 76 |
| Brown muddy sand | 46 | 112 |
| Black clay | 11 | 123 |
| Muddy sand | 88 | 211 |

(Continued on next page)

N-2602. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Sand and gravel | 22 | 233 |
| Streaks sand and clay | 9 | 242 |
| Sand and gravel | 18 | 260 |
| Streaks sand clay | 107 | 367 |
| Sandy clay | 22 | 389 |
| Sand and gravel | 33 | 422 |
| Clay | 8 | 430 |
| Sandy clay | 19 | 449 |
| Hard packed sand | 52 | 501 |
| Sand and gravel | 23 | 524 |
| Clay | 3 | 527 |
| Gravel | 29 | 556 |
| Clay | 11 | 567 |
| Fine sand | 24 | 591 |
| Clay hard streaks | 146 | 737 |
| Sandy clay | 13 | 750 |
| Sand and gravel | 51 | 801 |
| Streaks of sandy clay below 801 feet | | |

Casing: 26, 16 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 800 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 11, 1948. Duration: | 8 hours |
| Static water level: | 99 feet |
| Drawdown: | 89 feet |
| Yield: | 935 gpm |

N-2608. (C-7) Otto Tepe, Bellmore and Prospect Avenues, East Meadow. Drilled by Eastern Well & Pump Co., April 1948.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 2 | 2 |
| Light brown sand, heavy grits, gravel and stones | 42 | 44 |

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 44 feet.

Pumping test:

| | |
|-----------------------------|---------|
| April 1948. Duration: | 3 hours |
| Static water level: | 14 feet |
| Yield: | 240 gpm |

N-2610. (C-8) Jacob Boos, Jr., South of Southern State Parkway and East of Seamans Neck Road, Wantagh. Drilled by Eastern Well & Pump Co., May 1948.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Coarse brown sand, grits and gravel | 46 | 47 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 47 feet.

Pumping test:

| | |
|---------------------------|---------|
| May 1948. Duration: | 3 hours |
| Static water level: | 16 feet |
| Yield: | 200 gpm |

N-2613. (B-6) Long Island Water Corporation, Northeast of Seaman Avenue and Voshage Street, Baldwin. Drilled by Layne-New York Co., Inc., July 13, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Sand, streaks of clay | 64 | 64 |
| Fine sand | 28 | 92 |
| Sand, streaks of clay | 345 | 447 |
| Coarse sand | 55 | 502 |

Casing: 26, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 500 feet.

Pumping test:

July 7, 1948. Duration: 8 hours
Static water level: flows
Drawdown: 32 feet
Yield: 1212 gpm

N-2615. (C-6) The Great Atlantic & Pacific Tea Co., Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., June 12, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Sandy clay and grits | 2 | 8 |
| Coarse brown sand and grits | 38 | 46 |
| Fine brown sand and grits | 12 | 58 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 58 feet.

Pumping test:

August 31, 1948. Duration: 11 hours
Static water level: 15 feet
Drawdown: 16 feet
Yield: 250 gpm

N-2616. (E-6) Glen Head Country Club, Glen Head. Drilled by Layne-New York Co., Inc., May 9, 1931; April 27, 1954 repaired.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Boulders and sand | 6 | 6 |
| Brown sand | 15 | 21 |
| Boulders and clay | 4 | 25 |
| Brown sand | 17 | 42 |
| Sandy clay | 31 | 73 |
| Coarse brown sand | 23 | 96 |
| Sandy clay | 23 | 119 |
| Brown sand and gravel | 4 | 123 |
| Tough blue clay | 63 | 186 |
| Coarse white sand and gravel | 44 | 230 |
| Clay and boulders | 8 | 238 |

Casings: 18, 12 and 8 inches.

Screens: 37 feet of 12 inch with bottom at 221 feet.

40 feet of 8 inch with bottom at 220 feet.

(Continued on next page)

N-2616. (*Continued*)

Pumping test:

| | | |
|--------------|---------------------------|---------|
| May 9, 1931. | Duration: | 8 hours |
| | Static water level: | 8 feet |
| | Drawdown: | 11 feet |
| | Yield: | 500 gpm |

N-2619. (C-7) Steve Koshansky, North of Prospect Street and West of Chambers Avenue, East Meadow. Drilled by Eastern Well & Pump Co., May 1948.

Log:

Thickness
(feet)

Depth
(feet)

| | | |
|-------------------------------------------------|----|----|
| Top soil and loam | 2 | 2 |
| Coarse light brown sand, grits and gravel | 41 | 43 |

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 43 feet.

| | |
|---------------------------|---------|
| Static water level: | 18 feet |
| Yield: | 200 gpm |

N-2623. (D-5) Fred Schumacher, South of Marcus Avenue and West of Lakeville Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 3, 1948.

Log:

Thickness
(feet)

Depth
(feet)

| | | |
|------------------------------------------------------------|----|-----|
| Top soil | 1 | 1 |
| Reddish brown coarse sand | 4 | 5 |
| Brown coarse sand and large gravel | 86 | 91 |
| Very fine light brown sand and streaks of clay | 15 | 106 |
| Brown medium coarse sand and streaks of clay | 14 | 120 |
| Reddish brown medium coarse sand and streaks of clay | 4 | 124 |

Casing: 8 inches.

Screen: 17 feet of 6 inch with bottom at 121 feet.

| | |
|-----------------|---------|
| Drawdown: | 81 feet |
| Yield: | 150 gpm |

N-2626. (C-6) U. S. Printing & Lithographing Co., North of Old Country Road and East of Guinea Woods Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., September 6, 1951.

Log:

Thickness
(feet)

Depth
(feet)

| | | |
|----------------------------------------------------|----|-----|
| Pit | 6 | 6 |
| Coarse brown sand, gravel, grits | 20 | 26 |
| Coarse brown sand, grits | 8 | 34 |
| Black clay | 8 | 42 |
| Yellow clay | 9 | 51 |
| Very fine brown sand and white clay | 47 | 98 |
| Very fine brown sand, mica, lumps brown clay | 19 | 117 |
| Black, brown and white sandy clay | 4 | 121 |
| Very fine brown sandy clay, mica, hardpan | 15 | 136 |
| Medium fine brown sand | 7 | 143 |
| Fine, light brown sand, lumps of clay | 7 | 150 |
| Solid white clay | 7 | 157 |

Casing: 10 inches.

Screen: 41 feet of 6 inch with bottom at 150 feet.

N-2626. (*Continued*)

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| September 6, 1951. | Duration: | 3½ hours |
| | Static water level: | 23 feet |
| | Drawdown: | 25 feet |
| | Yield: | 380 gpm |

Note: Original well completed to a depth of 130 feet.

Deepening completed September 6, 1951.

N-2632. (E-7) A. Simpson, South of Roosevelt Avenue and East of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 27, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Brown clay, large stones | 22 | 22 |
| Coarse brown sand, large stones, clay | 17 | 39 |
| Fine gray sand, gravel, gray clay | 9 | 48 |
| Fine brown sand and gravel | 11 | 59 |
| Gray clay | 21 | 70 |
| Coarse brown sand, gravel | 18 | 88 |
| Fine brown sand, gravel and clay | 5 | 93 |
| Brown sandy clay, gravel | 7 | 100 |
| Coarse brown sand, gravel and lumps of clay | 7 | 107 |
| Coarse brown sand, gravel | 2 | 109 |
| Medium brown sand, gravel and clay | 4 | 113 |

Casing: 6 inches.

Screen: 2½ feet of 4 inch with bottom at 113 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| February 1, 1949. | Duration: | 3 hours |
| | Static water level: | 46 feet |
| | Drawdown: | 25 feet |
| | Yield: | 10 gpm |

N-2635. (D-5) Nassau County Department of Public Works, southeast of Washington Street and Webster Avenue, Port Washington. Drilled by Nassau County Department of Public Works, June 1948.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------------------------------|---------------------|-----------------|
| Top soil, dark brown, sandy | 1 | 1 |
| Loam, brown, gravelly | 3 | 4 |
| Sand, coarse, brown and gravel | 6 | 10 |
| Sand, coarse, dark brown, some small pebbles | 9 | 19 |
| Sand, coarse, dark brown, and gravel | 6 | 25 |
| Sand, medium, light brown, some brown clay | 9 | 34 |
| Clay, green, blue and yellow, with thin streaks of fine sandy clay | 4 | 38 |
| Clay, sandy, greenish brown (like a hardpan) | 7 | 45 |
| Sand, medium, light brown and streaks of brown clay..... | 6 | 51 |
| Sand, medium, dark gray, some clay | 2 | 53 |
| Clay, steel gray, soft, with loads of small shells and some small gravel | 14 | 67 |
| Sand, medium, brown, micaceous and sandy gray clay mixed with small shells, very hard | 3 | 70 |
| Sand, fine, brown and silt, some small pebbles and shell fragments | 3 | 73 |

(Continued on next page)

N-2635. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Sand, fine, brown, silty and clayey, with much bronzy mica | 5 | 78 |
| Clay, hard, brown, with same quartz pebbles (like a gumbo till) | 3 | 81 |
| Clay, tough, dark brown, with some quartz pebbles..... | 6 | 87 |
| Sand and gravel, coarse, brown, with some brown clay and stones | 4 | 91 |
| Gravel, coarse and coarse brown sand, with large stones and quartz pebbles | 5 | 96 |
| Sand, medium to coarse brown and quartz gravel | 4 | 100 |
| Clay, tough, dark brown, sandy near bottom | 28 | 128 |
| Clay, gray and brown, hard and quartz gravel | 4 | 132 |
| Sand, coarse and gravel, with a little gray clay | 4 | 136 |
| Sand, fine to medium, gray, gravel and gray sandy clay.... | 5 | 141 |
| Sand, medium to coarse, gray and gravel | 8 | 149 |
| Sand, fine to medium, light gray, with small quartz particles, iron concretions both yellow and red types | 16 | 165 |
| Clay, brown, sandy, with much fine mica | 2 | 167 |
| Clay, brown, sandy at | | 167 |

Casing: 8 inches.

Note: This well has a cement plug in bottom and is now 165 feet deep. It is slotted with four vertical slots $\frac{1}{2}$ inch wide and four feet long between 150 and 154 feet below land surface.

N-2639. (C-8) Long Island Home Ltd., Northwest of Division Avenue and Sunrise Highway, Amityville. Drilled by C. W. Lauman & Co., Inc., September 17, 1948.

Log shows 54 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 13 $\frac{1}{2}$ feet of 6 inch with bottom at 54 feet.

Pumping test:

| | | |
|---------------------|---------------------------|---------|
| September 17, 1948. | Duration: | 4 hours |
| | Static water level: | 13 feet |
| | Drawdown: | 5 feet |
| | Yield: | 100 gpm |

N-2747. (C-6) Carle Place Water District, South of Long Island Railroad and East of Guinea Woods Road, Carle Place. Drilled by Layne-New York Co., Inc., February 17, 1949.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------|---------------------|-----------------|
| Sand and gravel | 30 | 30 |
| Yellow clay and sand | 51 | 81 |
| Fine sandy clay | 71 | 159 |
| Clay | 5 | 164 |
| Fine sandy clay | 97 | 261 |
| White clay | 10 | 271 |
| Coarse sand | 61 | 332 |

Casing: 26, 18 and 10 inches.

Screen: 50 feet of 10 inch with bottom at 327 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| September 7, 1948. | Duration: | 8 hours |
| | Static water level: | 18 feet |
| | Drawdown: | 40 feet |
| | Yield: | 1051 gpm |

N-2790. (B-6) County of Nassau, south of William Street and east of Second Avenue, Bay Park. Drilled by C. W. Lauman & Co., Inc., December 19, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Swamp mud | 1 | 1 |
| Medium coarse brown sand, grits and clay lumps | 26 | 27 |
| Layers of fine brown sand and clay | 7 | 34 |
| Fine brown sand | 2 | 36 |
| Medium coarse brown sand, grits and clay lumps | 10 | 46 |
| Coarse brown sand and grits | 8 | 54 |
| Layer of clay | 1 | 55 |
| Coarse brown sand, grits and gravel | 4 | 59 |
| Gray sandy clay | 5 | 64 |
| Coarse brown sand, grits and clay lumps | 24 | 88 |
| Fine gray sand | 21 | 109 |
| Fine gray sand and layers of decayed wood | 32 | 141 |
| Fine gray sand | 27 | 168 |
| Layers of gray sandy clay, decayed wood and clay | 47 | 215 |
| Medium fine gray sand | 6 | 221 |
| Layers of fine gray sandy clay and gravel | 10 | 231 |
| Fine gray sand layers of clay, decayed wood and mica | 26 | 257 |
| Fine gray sand, clay layers, decayed wood and mica | 18 | 275 |
| Fine gray sandy clay | 20 | 295 |
| Medium fine gray sand | 14 | 309 |
| Fine gray sandy clay and layers of lignite | 31 | 340 |
| Fine gray sandy clay, layers of lignite and pyrite | 19 | 359 |
| Solid gray clay and lignite layers | 7 | 366 |
| Medium fine gray sand and layers of lignite and pyrite | 17 | 383 |
| Fine gray sandy clay and layers of clay and pyrite | 9 | 392 |
| Fine gray sandy clay and layers of lignite..... | 34 | 426 |
| Sticky black clay and lignite layers | 9 | 435 |
| Fine gray sand (little clay) | 16 | 451 |
| Fine gray sandy clay | 16 | 467 |
| Medium fine gray sand | 8 | 475 |
| Medium coarse gray sand | 8 | 483 |
| Solid gray clay and layers of fine sandy clay | 10 | 493 |
| Fine gray sand | 22 | 515 |
| Solid gray clay (dark) | 3 | 518 |
| Fine gray sandy clay | 7 | 525 |
| Layers of fine sand, clay and hard gray clay | 14 | 539 |
| Fine gray sand | 10 | 549 |
| Layers of gray clay and fine sandy clay | 19 | 568 |
| Solid gray clay | 12 | 580 |
| Coarse gray sand | 7 | 587 |
| Solid light gray clay | 11 | 598 |
| Multi colored very hard clay | 26 | 624 |
| Light gray clay and layers of fine sandy clay | 15 | 639 |
| Medium fine brown sand and clay layers | 8 | 647 |
| Hard gray clay and layers of sandy clay | 31 | 678 |
| Medium fine light brown sand, some clay | 16 | 694 |
| Layers of gray clay and sandy clay | 33 | 727 |
| Solid dark gray clay | 10 | 737 |
| Gray sandy clay and layers of lignite | 30 | 767 |
| Solid gray clay | 12 | 779 |
| Dark gray clay and pyrite layers | 69 | 848 |
| Fine gray sandy clay and layers of pyrite | 9 | 857 |
| Medium light gray sand | 28 | 885 |

Casing: 6 inches.

Screen: 22 feet of 4 inch with bottom at 560 feet.

Static water level: well flows

Note: Test hole for formation.

N-2791. (C-7) Levitt & Sons, Inc., south of Hempstead Turnpike and west of Wantagh Parkway, Levittown. Drilled by C. W. Lauman & Co., Inc., November 8, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse sand and gravel | 40 | 43 |
| Medium coarse brown sand | 8 | 51 |
| Coarse brown sand and large stones | 15 | 66 |
| Coarse brown sand, mica and small amount brown clay | 2 | 68 |
| Coarse brown sand, mica, hardpan, lumps clay | 2 | 70 |
| Medium fine brown sand and mica | 12 | 82 |
| Medium coarse brown sand and mica | 9 | 91 |
| Fine brown sand and clay | 4 | 95 |

Casing: 12 inches.

Screen: 31 feet of 12 inch with bottom at 90 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| November 8, 1948. Duration: | 4½ hours |
| Static water level: | 24 feet |
| Drawdown: | 18 feet |
| Yield: | 800 gpm |

N-2847. (E-6) Cove Theatre, south of North Lane, east of School Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., April 13, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Cellar | 13 | 13 |
| Fine brown sand, white clay | 5 | 18 |
| Fine brown sand | 5 | 23 |
| Coarse brown sand and gravel | 6 | 29 |
| White sandy clay | 26 | 55 |
| Medium brown sand and gray clay | 4 | 59 |
| Coarse brown sand and gravel | 4 | 63 |
| Medium coarse brown sand and gray clay | 7 | 70 |
| Coarse brown sand and gravel (dirty) | 4 | 74 |
| Medium coarse brown sand, gravel, brown and white clay | 6 | 80 |
| Gray and red sandy clay | 8 | 88 |
| Brown sandy clay | 6 | 94 |
| Fine brown sand, grits and mica | 5 | 99 |
| Coarse brown sand | 4 | 103 |
| Coarse brown sand, gravel, small amount of white clay | 13 | 116 |
| Brown clay and gravel | 20 | 136 |
| Very fine brown sand (dirty) | 15 | 151 |
| Brown sandy clay | 23 | 174 |
| Fine brown sand | 7 | 181 |
| Fine brown sand, lumps of clay | 2 | 183 |

Casing: 10 inches.

Screen: 21 feet of 8 inch with bottom at 116 feet.

Pumping test:

| | |
|---------------------------------|---------|
| March 14, 1949. Duration: | 8 hours |
| Static water level: | 23 feet |
| Drawdown: | 27 feet |
| Yield: | 425 gpm |

N-2849. (E-5) Stanley Washburn, Jr., south of Radcliff Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., March 23, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fine brown sand | 5 | 5 |
| Brown sandy clay | 4 | 9 |
| Brown sand and large stones | 7 | 16 |
| Large stones and boulders | 32 | 48 |
| Brown sand and gravel | 15 | 63 |
| Brown sandy clay | 21 | 84 |
| Gray coarse sand | 25 | 109 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 107 feet.

Static water level: 67 feet
Yield: 8 gpm

N-2921. (B-6) Sverre Iviersen, north of Florida Avenue and east of Long Beach Road, Island Park. Drilled by Mathies Well & Pump Co., Inc., September 29, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Beach sand | 2 | 2 |
| Sand and black clay | 2 | 4 |
| Coarse brown sand, grits and gravel | 28 | 32 |
| Fine brown sand, small grits and brown clay | 13 | 45 |
| Dark gray clay | 11 | 56 |
| Coarse white sand | 6 | 62 |
| Coarse brown sand, grits and gravel | 3 | 65 |
| Gray clay | 47 | 112 |
| Coarse white sand and gravel | 8 | 120 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 120 feet.

Pumping test:
September 29, 1948. Duration: 3 hours
Static water level: 7 feet
Yield: 40 gpm

N-2923. (C-7) County of Nassau, north of Long Island Railroad and east of Newbridge Road, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Clay and stones | 2 | 3 |
| Gray clay | 3 | 6 |
| Sand, gravel and large stones | 2 | 8 |
| Clean sand and gravel | 4 | 12 |
| Reddish brown sand and gravel (dirty) | 5 | 17 |
| Brown sand and gravel, cleaner than above | 27 | 44 |
| Brown sand and gravel, clayey—lumps of clay | 6 | 50 |
| Brown coarse sand and gravel, lumps of clay | 5 | 55 |
| Coarse light brown sand and lumps of clay | 3 | 58 |
| Very clayey fine sand (grayish tan) | 10 | 68 |
| Light gray tan fine sand, hard pan | 15 | 83 |

(Continued on next page)

N-2923. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Red fine sand and hard pan | 16 | 99 |
| Brown fine sand, lumps of clay | 16 | 115 |
| Brown solid clay | 2 | 117 |
| Dark gray solid clay | 5 | 122 |
| Casing: 20 and 12 inches. | | |
| Screen: 32 feet of 12 inch with bottom at 112 feet. | | |
| Pumping test: | | |
| December 7, 1948. Duration: | 9 hours | |
| Static water level: | 33 feet | |
| Drawdown: | 31 feet | |
| Yield: | 800 gpm | |

N-2924. (E-8) J. L. Cassullo, north of Cove Road and east of Cove Neck Road, Oyster Bay.
Drilled by Long Island Water Supply Co., December 1, 1948.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Medium sand | 8 | 10 |
| Sand, clay | 30 | 40 |
| Gravel | 50 | 90 |
| Sand, gravel | 80 | 170 |
| Clay | 45 | 215 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 215 feet. | | |
| Pumping test: | | |
| October 12, 1948. Duration: | 8 hours | |
| Static water level: | 131 feet | |
| Drawdown: | 5 feet | |
| Yield: | 27 gpm | |

N-3129. (C-7) County of Nassau, south of Long Island Railroad and east of Newbridge Avenue, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Loam and clay | 3 | 3 |
| Sand, gravel and large gravel | 12 | 15 |
| Brown sand and gravel—little dirty | 28 | 43 |
| Reddish brown sand and gravel | 12 | 55 |
| Light tan fine sand—very clayey | 8 | 63 |
| Light tan fine sand—not as much clay as above | 9 | 72 |
| Light tan fine sand—very clayey | 13 | 85 |
| Brown fine sand—little clayey | 10 | 95 |
| Light brown fine sand, lumps of soft clay | 20 | 115 |
| Reddish brown fine sand | 24 | 139 |
| Solid clay | 3 | 142 |

Casing: 20 and 12 inches.
Screen: 42 feet of 12 inch with bottom at 142 feet.

| | | |
|-----------------------------------|----------|--|
| Pumping test: | | |
| January 19, 1949. Duration: | 8 hours | |
| Static water level: | 29 feet | |
| Drawdown: | 53 feet | |
| Yield: | 1000 gpm | |

N-3142. (D-8) Central Park Water District, north of Hay Path Road, west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., January 31, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Coarse sand and red clay | 6 | 10 |
| Medium coarse light brown sand | 33 | 43 |
| Coarse brown sand and gravel | 16 | 59 |
| Fine brown sand and streaks of clay | 38 | 97 |
| Fine white sand and streaks of clay | 14 | 111 |
| Soft gray sandy clay | 8 | 119 |
| Light brown medium coarse sand | 11 | 130 |
| Medium coarse white sand | 11 | 141 |
| Fine light brown sand and streaks of clay | 46 | 187 |
| Very fine brown sandy clay and decayed stone | 18 | 205 |

Casing: 12 inches.

Screen: 41 feet of 12 inch with bottom at 163 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 27, 1949. Duration: | 4½ hours |
| Static water level: | 38 feet |
| Drawdown: | 36 feet |
| Yield: | 580 gpm |

N-3145. (D-5) Wm. Schenk, north of Marcus Avenue and west of New Hyde Park Road, Lake Success. Drilled by Eastern Well & Pump Co., March 1, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Hard clay and stones | 14 | 14 |
| Soft brown clay | 6 | 20 |
| Brown sand and clay, few stones and grits | 44 | 64 |
| Fine brown gray sand and gravel | 46 | 110 |
| Light brown sand, grits and gravel | 13 | 123 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 123 feet.

Pumping test:

| | |
|--------------------------------|----------|
| March 1, 1950. Duration: | 2 hours |
| Static water level: | 108 feet |
| Yield: | 320 gph |

N-3150. (C-6) Calderone Theatre, south of Bedell Street and west of Franklin Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., April 19, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Medium coarse brown sand and gravel | 56 | 60 |
| Brown clay and gravel | 2 | 62 |
| Very fine yellow sand, clay | 5 | 67 |
| Fine yellow sandy clay | 23 | 90 |

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 60 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 19, 1949. Duration: | 6 hours |
| Static water level: | 7 feet |
| Drawdown: | 12 feet |
| Yield: | 300 gpm |

N-3182. (C-5) Park Theatre, south of Jericho Turnpike and east of North Tenth Street, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., March 2, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Coarse sand | 88 | 88 |
| Fine sand | 5 | 93 |
| Casing: 10 inches. | | |
| Screen: 21 feet of 8 inch with bottom at 88 feet. | | |
| Pumping test: | | |
| March 2, 1949. Duration: | 8 hours | |
| Static water level: | 42 feet | |
| Drawdown: | 20 feet | |
| Yield: | 350 gpm | |

N-3185. (C-6) Village of Mineola, north of Old Country Road and west of Eighth Avenue, Mineola. Drilled by Layne-New York Co., Inc., November 2, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 60 | 60 |
| Brown sand | 49 | 109 |
| Sandy clay | 41 | 150 |
| Hard packed sand | 20 | 170 |
| Streaks of sand and clay | 115 | 285 |
| Muddy sand | 77 | 362 |
| Clay | 5 | 367 |
| Muddy sand | 26 | 393 |
| Yellow sand and clay | 29 | 422 |
| Sand and gravel | 52 | 474 |
| White clay | 25 | 499 |
| Casing: 26, 18 and 10 inches. | | |
| Screen: 40 feet of 10 inch with bottom at 463 feet. | | |
| Pumping test: | | |
| November 2, 1949. Duration: | 8 hours | |
| Static water level: | 41 feet | |
| Drawdown: | 31 feet | |
| Yield: | 1040 gpm | |

N-3190. (C-7) H. C. Bohack Co., Inc., north of Hempstead Turnpike and west of Waleott Road, Levittown. Drilled by C. W. Lauman & Co., Inc., August 2, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Cellar | 7 | 7 |
| Coarse brown sand and gravel | 59 | 66 |
| Solid gray clay | 1 | 67 |
| Casing: 6 inches. | | |
| Screen: 11 feet of 4 inch with bottom at 66 feet. | | |
| Pumping test: | | |
| August 2, 1949. Duration: | 1/2 hour | |
| Static water level: | 18 feet | |
| Drawdown: | 8 feet | |
| Yield: | 55 gpm | |

Note: Temperature 53° Fahrenheit.

N-3192. (C-5) Argo Theatre, south of Hempstead Turnpike and west of Elmont Road, Elmont. Drilled by C. W. Lauman & Co., Inc., February 22, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Pit | 2 | 2 |
| Fill | 6 | 8 |
| Coarse sand and gravel | 37 | 45 |
| Dark medium fine sand and mica | 27 | 72 |
| Medium fine sand and grits | 4 | 76 |
| Coarse sand and gravel | 14 | 90 |

Casing: 8 inches.

Screen: 16 feet of 6 inch with bottom at 90 feet.

Pumping test:
February 22, 1950. Static water level: 21 feet
Yield: 300 gpm

N-3242. (B-6) Frank Gaudiosi, Trafalgar Boulevard and Shell Creek Road, Island Park. Drilled by Fred Habenicht & Sons, July 10, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Swamp bog | 5 | 9 |
| Dirty white sand, mixed with black mud | 60 | 69 |
| Gray white dirty sand | 51 | 120 |
| Dirty brown sand | 9 | 129 |
| Brown clay and clam shells | 44 | 173 |
| Dirty white sand | 28 | 201 |
| Dry hard gray clay | 48 | 249 |
| Very fine light gray sand | 20 | 269 |

Casing: 4 inches.

Screen: 5 feet of 1 1/4 inch with bottom at 269 feet.

Pumping test:
June 1951. Duration: 3 days
Static water level: 4 feet
Yield: 4 gpm

N-3245. (B-8) R. S. Mautner, West Shore Drive, 100 feet from Canal, Massapequa. Drilled by Mathies Well & Pump Co., Inc., May 24, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Beach sand | 1 | 1 |
| Coarse brown sand, grits and gravel | 3 | 4 |
| Bog | 1 | 5 |
| Coarse brown sand, grits and gravel | 39 | 44 |
| Medium brown sand | 16 | 60 |
| Gray clay | 10 | 70 |
| Black clay and clam shells | 1 | 71 |
| Black clay | 25 | 96 |
| Black clay, fine white sand and mica | 4 | 100 |
| Fine white sand, wood and mica | 21 | 121 |
| Very fine white sand, gray clay | 32 | 153 |
| Black clay | 1 | 154 |

(Continued on next page)

N-3245. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fine white sand, mica and gray clay | 21 | 175 |
| Very fine white sand, gray clay | 23 | 198 |
| Medium white sand, little wood | 18 | 215 |
| Casing: 4 inches. | | |
| Screen: 6 feet of 4 inch with bottom at 212 feet. | | |
| Pumping test: | | |
| May 17, 1949. Duration: | 3 hours | |
| Static water level: | | flowing |
| Yield: | 55 gpm | |

N-3246. (B-5) Will Clurman, Barret Road and Clinton Road, Lawrence. Eastern Well & Pump Co., July 25, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Cellar | 6 | 6 |
| Light brown clean sand, few grits | 8 | 14 |
| Very fine gray beach sand | 2 | 16 |
| Dirty white beach sand | 6 | 22 |
| Light brown beach sand, mica | 1 | 23 |
| Light brown fine sand and gravel | 5 | 28 |
| Hard brown clay | 6 | 34 |
| Fine brown dirty sand, streaks of clay | 82 | 116 |
| Hard black clay | 4 | 120 |
| Fine dirty sand | 4 | 124 |
| Fine to medium coarse sand and grits | 4 | 128 |
| Fine to medium sand, small grits | 8 | 136 |
| Solid black clay | 15 | 151 |

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

| | |
|--------------------------------|---------|
| Pumping test: | |
| July 19, 1949. Duration: | 2 hours |
| Static water level: | 17 feet |
| Drawdown: | 14 feet |
| Yield: | 59 gpm |

N-3308. (C-8) H. Schopman, north of Southern State Parkway, west of Seamen Neck Road, Wantagh. Drilled by Mathies Well & Pump Co., Inc., June 3, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Well pit | 4 | 4 |
| Coarse brown sand, grits and gravel | 37 | 41 |

Casing: 8 inches.

Screen: 8 feet of 8 inch with bottom at 41 feet.

| | |
|-------------------------------|---------|
| Pumping test: | |
| June 3, 1949. Duration: | 6 hours |
| Static water level: | 8 feet |
| Drawdown: | 4 feet |
| Yield: | 100 gpm |

N-3311. (D-6) Colonial Sand & Stone Corporation, 5000 feet north of Northern Boulevard and west of Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, July 5, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand and gravel | 70 | 70 |
| Clay | 20 | 90 |
| Fine sand and clay | 22 | 112 |
| Clay | 32 | 144 |
| Sand and clay, thin bands | 48 | 192 |
| Sand and gravel | 16 | 208 |

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 205 feet.

Pumping test:

| | |
|-------------------------------|---------|
| July 5, 1949. Duration: | 8 hours |
| Static water level: | 22 feet |
| Drawdown: | 30 feet |
| Yield: | 250 gpm |

N-3312. (C-7) County Community Corporation (Levitt & Sons), north of Bellows Lane and east of Dale Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., December 30, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------|---------------------|-----------------|
| Loam | 1 | 1 |
| Coarse sand and gravel | 34 | 35 |
| Coarse sand and grit | 28 | 63 |
| Medium sand with layers of white clay | 9 | 72 |
| Fine sandy white clay | 9 | 81 |
| Fine white sand and lumps of white clay | 12 | 93 |
| Fine white sand, reddish clay, pieces of sandstone | 11 | 104 |
| Fine white sand, reddish clay | 5 | 109 |
| Fine white sand, clay and mica | 37 | 146 |
| Fine white sand, brown clay and mica | 9 | 155 |
| Blue sandy clay, mica and hard pan | 12 | 167 |
| Fine white sand, brownish clay, mica, silt, hard pan | 23 | 190 |
| Fine yellow sand, yellow clay, mica, silt, hard pan | 21 | 210 |
| Fine brown sand, some yellow clay, mica and hard pan | 36 | 246 |
| Fine sandy light yellow clay, mica and hard pan | 11 | 257 |
| Fine yellow sand and mica | 2 | 259 |
| Fine yellow sand, lumps of clay, mica, hard pan | 26 | 285 |
| Medium fine sand with some lumps of white clay and hard pan | 18 | 303 |
| Fine brown sand, clay, mica and hard pan | 4 | 307 |

Casing: 12 inches.

Screen: 52 feet of 12 inch with bottom at 304 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 26, 1949. Duration: | 8 hours |
| Static water level: | 23 feet |
| Drawdown: | 74 feet |
| Yield: | 870 gpm |

N-3314. (B-6) New York Telephone Co., south of Jefferson Avenue and east of Remsen Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., February 7, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 20 | 20 |
| Brown clay | 10 | 30 |
| Gray clay | 13 | 43 |
| Gray clay with fine gray sand | 3 | 46 |
| Fine clean brown sand—sharp | 5 | 51 |
| Coarse dark brown sand and gravel | 3 | 54 |
| Very fine gray sand clay bound | 10 | 64 |
| Fine brown sharp sand—clean | 9 | 73 |
| Coarse dark brown sand, some clay and gravel | 7 | 80 |
| Casing: 6 inches. | | |
| Screen: 6 feet of 6 inch with bottom at 78 feet. | | |
| Pumping test: | | |
| February 7, 1950. Duration: | 4 hours | |
| Static water level: | 12 feet | |
| Yield: | 105 gpm | |

N-3350. (B-5) Dr. C. C. Halgren, north of Tanglewood Crossing and west of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., August 22, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Fine light brown sand | 6 | 8 |
| Fine white beach sand | 5 | 13 |
| Dirty-fine brown sand, grits | 4 | 17 |
| Light brown sand and gravel | 8 | 25 |
| Clean fine brown sand and grits | 7 | 32 |
| Fine white sand, grits and gravel | 3 | 35 |
| Medium light brown sand, grits and gravel | 6 | 41 |
| Casing: 4 inches. | | |
| Screen: 8 feet of 4 inch with bottom at 41 feet. | | |
| Static water level: | 11 feet | |
| Yield: | 60 gpm | |

N-3353. (C-8) George Wicks, south of Hunt Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 10, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse brown sand and heavy gravel | 47 | 49 |
| Casing: 6 inches. | | |
| Screen: 15 feet of 6 inch with bottom at 47 feet. | | |
| Pumping test: | | |
| August 10, 1949. Duration: | $\frac{1}{2}$ hour | |
| Static water level: | 17 feet | |
| Drawdown: | 2 feet | |
| Yield: | 102 gpm | |

N-3355T. (D-8) U. S. Department of Interior, United States Geological Survey, Round Swamp Road, Plainview. Drilled by C. W. Lauman & Co., Inc., September 1951.

| Log : | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam and gravel | 2 | 3 |
| Coarse brown sand, grit and gravel | 21 | 24 |
| Coarse brown sand, grit and lumps of clay | 20 | 44 |
| Coarse brown sand and grit | 29 | 73 |
| Medium coarse brown sand | 41 | 114 |
| Coarse brown sand and grit | 41 | 155 |
| Medium fine brown sand | 11 | 166 |
| Fine gray sandy clay and layers of clay | 24 | 190 |
| Fine brown sand and some clay | 16 | 206 |
| Fine gray sandy clay | 24 | 230 |
| Fine brown sandy clay | 26 | 254 |
| Solid gray clay | 13 | 267 |
| Fine brown sand and some clay | 14 | 281 |
| Medium fine brown sand, some clay and layers of loam | 35 | 316 |
| Medium fine brown sand | 36 | 352 |
| Solid gray clay | 8 | 360 |
| Layers of medium fine sand and gray sandy clay | 45 | 405 |
| Medium fine brown sand | 10 | 415 |
| Solid clay | 9 | 424 |
| Fine brown sand and some clay | 14 | 438 |
| Solid gray clay and pyrite | 31 | 469 |
| Medium coarse brown sand | 9 | 478 |
| Solid gray clay | 14 | 492 |
| Silty clay and layers of lignite | 14 | 506 |
| Fine sandy clay and layers of solid clay | 40 | 546 |
| Medium fine sand, some clay and layers of solid clay | 41 | 587 |
| Medium coarse sand | 12 | 599 |
| Medium coarse sand and white clay | 32 | 631 |
| Fine sand, white and red | 12 | 643 |
| Coarse gravel with some clay..... | 18 | 661 |
| Layers of clay, fine sandy clay and layers of hardpan (cemented gravel conglomerate) (from 1 to 2 ft. apart 2" to 12" thick) | 67 | 728 |
| Coarse sand and grit brown | 12 | 740 |
| Layers of fine sandy clay, layers of clay and medium brown sand | 47 | 787 |
| Solid gray clay | 84 | 871 |
| Fine gray sandy clay and layers of pyrite..... | 14 | 885 |
| Solid dark gray clay | 15 | 900 |
| Solid red, white, black and gray clay | 89 | 989 |
| Layers of fine sand, sandy clay, solid clay and some grit | 52 | 1041 |
| Medium coarse white sand | 10 | 1051 |
| Medium fine white sand and layers of clay | 11 | 1062 |
| Fine gray sandy clay | 17 | 1079 |
| Layers of medium fine brown sand, sandy clay and solid clay | 37 | 1116 |
| Solid brown clay and gravel | 17 | 1133 |
| Medium fine brown sand and layers of clay | 8 | 1141 |
| Solid brown clay and gravel | 76 | 1217 |
| Rock | | 1248 |

Casing: 8 and 4 inches.

Screen: 20 feet of 4 inch with bottom at 1092 feet.

(Continued on next page)

N-3355T. (*Continued*)

Pumping test:
 June 25, 1951. Duration: 7 hours
 Static water level: 147 feet
 Drawdown: 35 feet
 Yield: 80 gpm

Note: This well is used as an observation well only.

N-3360T. (B-7) New York Water Service Corporation, south of Thelma Avenue and east of Sherman Street, Merrick. Drilled by Karlson & Reed, Inc., September 7, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Loam, dirty brown sand and gravel | 3 | 3 |
| Muddy sand and gravel | 12 | 15 |
| Clean sand and gravel | 5 | 20 |
| Fine sand | 2 | 22 |
| Coarse sand and gravel | 6 | 28 |
| Fine sand and mica | 1 | 29 |
| Dirty sand and gravel | 4 | 33 |
| Very fine sand | 2 | 35 |
| Fine sand and mica | 21 | 56 |
| Gray clay | 2 | 58 |
| Muddy sand | 2 | 60 |
| Fine dark sand and mica | 10 | 70 |

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 34 feet.

Pumping test:
 September 7, 1949. Duration: 4 hours
 Static water level: 4 feet
 Drawdown: 15 feet
 Yield: 60 gpm

Note: Well did not prove satisfactory—site abandoned.

N-3386. (D-6) Irving Jalonack, north of Power House Road and east of Roslyn Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., September 1, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------|---------------------|-----------------|
| Top soil, loam and large stones | 6 | 6 |
| Coarse brown sand and large stones | 6 | 12 |
| Coarse brown sand, little clay, grits, gravel and few large stones | 30 | 42 |
| Clean coarse brown sand, grits, gravel and few large stones | 42 | 84 |
| Clean coarse brown sand, grits, gravel | 38 | 122 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 122 feet.

| | |
|---------------------------|---------|
| Static water level: | 90 feet |
| Yield: | 20 gpm |

N-3411. (B-5) Keystone Yacht Club, Woodmere Boulevard and Bay, Woodmere. Drilled by Fred Habenicht & Sons, October 15, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Mud, clam shells | 2 | 2 |
| Dirty black sand, sea shells and bottles | 27 | 29 |
| Black sticky clay | 4 | 33 |
| Yellow sand, water bearing (salty) | 9 | 42 |
| Mixture of yellow and brown clay | 39 | 81 |
| Fine gray sandy clay..... | 20 | 101 |
| Fine gray sand..... | 5 | 106 |
| Coarse gray sand..... | 7 | 113 |

Casing: 4 inches.

Screen: 5 feet of 1 1/4 inch with bottom at 113 feet.

Pumping test:

| | |
|----------------------------------|-----------|
| October 8, 1949. Duration: | 6 hours |
| Static water level: | sea level |
| Drawdown: | 16 feet |
| Yield: | 9 gpm |

N-3412. (C-8) Seaford Fire District, south of Franklin Avenue and west of Washington Avenue, Seaford. Drilled by Karlson & Reed, Inc., November 21, 1949.

Log shows 45 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 44 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 28, 1949. Duration: | 2 hours |
| Static water level: | 15 feet |
| Drawdown: | 8 feet |
| Yield: | 270 gpm |

N-3413. (C-8) Seaford Fire District, south of Lincoln Street, east of Conway Street, Seaford. Drilled by Karlson & Reed, Inc., November 22, 1949.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 45 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 28, 1949. Duration: | 2 hours |
| Static water level: | 14 feet |
| Drawdown: | 9 feet |
| Yield: | 300 gpm |

N-3414. (C-8) Seaford Fire District, south of Jerusalem Avenue and west of Seaman Neck Road, Seaford. Drilled by Karlson & Reed, Inc., November 23, 1949.

Log shows 42 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 42 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 28, 1949. Duration: | 2 hours |
| Static water level: | 5 feet |
| Drawdown: | 15 feet |
| Yield: | 290 gpm |

N-3428T. (D-8) Central Park Water District, north of Hay Path Road and west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 14, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Medium coarse red sand and gravel | 9 | 11 |
| Medium coarse sand and gravel | 26 | 37 |
| Medium coarse gray sand | 22 | 59 |
| Medium fine gray sand | 36 | 95 |
| Gray sandy clay | 15 | 110 |
| Fine gray sand and lumps of clay | 9 | 119 |
| Medium gray sand and some clay | 14 | 133 |
| Fine gray sandy clay | 62 | 195 |
| Medium coarse brown sand (dirty) | 30 | 225 |
| Medium coarse gray sand | 9 | 234 |
| Very fine gray sandy clay | 22 | 256 |
| Layer of fine brown and gray sand | 20 | 276 |
| Solid brown clay | 1 | 277 |
| Fine gray sandy clay | 10 | 287 |
| Medium fine brown sand | 13 | 300 |
| Fine brown sandy clay | 6 | 306 |
| Solid black clay | 23 | 329 |
| Medium fine brown sand | 3 | 332 |
| Fine brown sandy clay | 18 | 350 |
| Medium fine brown sand | 30 | 380 |
| Fine gray sandy clay | 6 | 386 |
| Medium fine gray sand | 12 | 398 |
| Medium fine gray sandy clay | 3 | 401 |
| Fine brown sandy clay | 21 | 422 |
| Medium fine brown sand | 9 | 431 |
| Gray sandy clay and layers of clay | 27 | 458 |
| Medium fine brown sand and layers of clay | 11 | 469 |
| Fine gray sandy clay and layers of clay | 17 | 486 |
| Medium fine brown sand | 7 | 493 |
| Fine gray sandy clay | 14 | 507 |
| Medium fine brown sand | 5 | 512 |
| Light gray sandy clay | 14 | 526 |
| Layers of clay and medium fine brown sand | 14 | 540 |
| Fine gray sandy clay | 5 | 545 |
| Medium fine brown sand | 40 | 585 |
| Layer of hardpan | 1 | 586 |
| Medium fine brown sand | 9 | 595 |
| Gray sandy clay | 16 | 611 |

Note: Formation test hole only.

N-3437. (C-7) New York Water Service Corporation, Jefferson Street, Merrick. Drilled by C. W. Lauman & Co., Inc., January 20, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Sand and gravel | 6 | 6 |
| Hard light gray clay | 2 | 8 |
| Brown sand and gravel | 35 | 43 |
| Medium fine gray sand | 3 | 48 |

Casing: 30 and 12 inches.

Screen: 11 feet of 12 inch with bottom at 45 feet.

N-3437. (*Continued*)

Pumping test:

January 20, 1950. Duration: 2 hours
Static water level: 16 feet
Drawdown: 24 feet
Yield: 490 gpm

N-3443. (D-5) Citizens Water Supply Co., Fairview Avenue, Great Neck. Drilled by Layne-New York Co., Inc., November 7, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Sandy clay and gravel | 110 | 110 |
| Sandy clay hard streaks | 47 | 157 |
| Clay | 25 | 182 |
| Sand and gravel | 17 | 209 |
| Clay hard streaks..... | 206 | 415 |
| Sand and gravel | 48 | 463 |
| Hard clay | | below 463 |

Casing: 26, 18, 12 and 8 inches.

Screen: 40 feet of 8 inch with bottom at 463 feet.

Pumping test:

May 15, 1950. Duration: 8 hours
Static water level: 115 feet
Drawdown: 121 feet
Yield: 837 gpm

N-3444T. (D-7) Jericho Water District, north of Wheatley Road and west of Cedar Swamp Road, Wheatley. Drilled by Long Island Water Supply Co., December 22, 1949.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 50 | 50 |
| Silt and fine sand | 20 | 70 |
| Fine sand | 10 | 80 |
| Sand and trace of clay | 40 | 120 |
| Fine sand, clay | 10 | 130 |
| Sand, fine to coarse | 50 | 180 |
| Sand, muscovite and clay | 90 | 270 |
| Red sand and clay | 7 | 277 |
| Sand—fine to coarse, muscovite and clay | 53 | 130 |
| Red, black clay, trace of sand, muscovite | 15 | 345 |
| Sand, fine to coarse, muscovite | 55 | 410 |
| Gray, pink clay | 8 | 418 |
| Fine sand and clay | 12 | 430 |
| Light brown clay | 4 | 434 |
| Light brown sand | 6 | 440 |
| White sandy clay | 20 | 460 |

Note: Test hole only.

N-3448. (B-5) City of Long Beach, north of intersection of Park Avenue and Indiana Avenue, Long Beach. Drilled by American Drilling Co., March 16, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------------------------|---------------------|-----------------|
| Beach sand and gravel | 12 | 12 |
| Black clay, soft, salty | 8 | 20 |
| Coarse beach sand | 28 | 48 |
| Medium clay | 6 | 54 |
| Coarse water bearing sand | 36 | 90 |
| Clay, hard drilling | 12 | 102 |
| Gray clay, hard drilling, and wood | 28 | 130 |
| Streak of sand and clay | 77 | 207 |
| Fine gray sand | 53 | 260 |
| Hard clay | 13 | 273 |
| Water bearing sand | 15 | 288 |
| Firm clay | 12 | 300 |
| Streaks of clay and sand | 33 | 333 |
| Hard and soft clay with some streaks of sand | 39 | 372 |
| Water sand | 31 | 403 |
| Streaks of sand and clay | 47 | 450 |
| Water sand, good quality | 46 | 496 |
| Firm clay, slow drilling | 26 | 522 |
| Coarse sand, fine sand on the bottom | 63 | 585 |
| Soft clay | 15 | 600 |
| Hard clay | 10 | 610 |
| Soft clay, streaks of clay and sand | 103 | 713 |
| Very hard clay, slow drilling | 24 | 737 |
| Soft sandy clay, streaks of sand and gravel | 118 | 855 |
| Firm clay | 140 | 995 |
| Streaks of very hard clay, medium clay, and lenses of coarse sand, gravel and wood | 28 | 1023 |
| Softer clay | 42 | 1065 |
| Streaks white Raritan sand and gravel, layers clay | 15 | 1080 |
| Streaks of hard and soft red clay | 72 | 1152 |
| Streaks of hard and soft red clay, mixed with streaks of white sand and gravel | 23 | 1175 |
| Coarse sand, light gray, probably Lloyds | 44 | 1219 |

Casing: 30, 20, 12 and 8 inches.

Screen: 40 feet of 8 inch with bottom at 1233 feet.

Pumping test:

| | |
|---------------------------------|----------|
| March 16, 1950. Duration: | 8 hours |
| Static water level: | 2 feet |
| Drawdown: | 64 feet |
| Yield: | 1388 gpm |

N-3450 (D-7) Rubber Corporation of America, north of Long Island Railroad and east of New South Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 8, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Coarse gravel and sand | 34 | 40 |
| Hardpan and coarse gravel | 3 | 43 |
| Coarse gravel and sand | 7 | 50 |
| Sand and clay | 5 | 55 |
| Fine sandy clay, some mica | 3 | 58 |
| Coarse sand | 3 | 61 |
| Sand and clay | 4 | 65 |

N-3450. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Coarse sharp gravel and sand, some clay | 3 | 68 |
| Fine sand, brown, some clay | 4 | 72 |
| Fine gray sand | 4 | 76 |
| Fine brown sand, some clay | 4 | 80 |
| Streaks of multi-colored clay and hardpan | 4 | 84 |
| Fine gray sand, some clay | 6 | 90 |
| Fine brown sand with pieces of white clay | 4 | 94 |
| Red sandy clay with hardpan | 1 | 95 |
| Gray sand | 6 | 101 |
| Fine brown sand | 3 | 104 |
| Fine gray sand | 3 | 107 |
| Gray sandy clay | 10 | 117 |
| Fine gray sand—dirty | 9 | 126 |
| Medium fine red sand | 2 | 128 |
| Fine red sand | 6 | 134 |
| Fine red sand (dirty) and hardpan | 6 | 140 |
| Medium fine brown sand, clean | 7 | 147 |
| Light brown sand, small pieces of clay | 2 | 149 |
| Medium fine brown sand and hardpan | 2 | 151 |
| Yellow clay | 3 | 154 |
| Sandy clay | 11 | 165 |

Casing: 10 inches.

Screen: 27 feet of 6 inch with bottom at 149 feet.

Pumping test:

September 7, 1950. Duration: 4 hours
Static water level: 54 feet
Yield: 268 gpm

N-3458. (D-6) Penn Stevedoring Corporation, south of Bar Lane and west of West Shore Road, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Gray clay | 10 | 12 |
| Coarse brown sand | 12 | 24 |
| Fine yellow sand and clay | 26 | 50 |

Casing: 4 inches.

Screen: 14 feet of 2 inch with bottom at 50 feet.

Static water level: 20 feet
Yield: 15 gpm

Note: Water Temperature 55° Fahrenheit.

N-3466. (E-6) New York Water Service Corporation, Glen Cove Pumping Plant Well Field. Drilled by Karlson & Reed, Inc., April 25, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Loam and top soil | 4 | 4 |
| Coarse sand and large gravel..... | 18 | 22 |
| Red sand and gravel | 8 | 30 |
| Clay | 2 | 32 |
| Fine sand with lumps of clay | 3 | 35 |

(Continued on next page)

N-3466. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Clay | 6 | 41 |
| Hardpan and stones | 6 | 47 |
| Sandy clay | 33 | 80 |
| Fine sand | 28 | 108 |
| Medium coarse sand and clay..... | 2 | 110 |
| Gravel, sand and clay | 18 | 128 |
| Coarse sand and gravel | 7 | 135 |
| Coarse sand with lumps of clay | 3 | 138 |
| Gray sticky clay | 4 | 142 |
| Blue clay, dirty sand and gravel | 6 | 148 |
| Sand and gravel, with little clay | 9 | 157 |
| Sand and gravel, with lumps of clay | 3 | 160 |
| Large lumps of clay | 3 | 163 |
| Sand and gravel with lumps of clay | 2 | 165 |
| Sand and gravel with little clay | 3 | 168 |
| Gravel with small pieces of clay | 3 | 171 |
| Sandy clay | 10 | 181 |

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 172 feet.

Pumping test:

| | | |
|-----------------|---------------------------|----------|
| April 25, 1950. | Duration: | 36 hours |
| | Static water level: | flowing |
| | Drawdown: | 20 feet |
| | Yield: | 208 gpm |

N-3469. (C-5) Cirenzia Inc., south of Village Avenue and east of Elmont Road, Elmont.
Drilled by C. W. Lauman & Co., Inc., February 14, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Cellar | 9 | 9 |
| Medium fine sand | 8 | 17 |
| Coarse sand, grits | 16 | 33 |
| Medium fine sand, some grits | 11 | 44 |
| Coarse sand, large gravel | 5 | 49 |
| Medium coarse sand, some grits | 6 | 55 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 55 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| February 6, 1950. | Static water level: | 18 feet |
| | Drawdown: | 9 feet |
| | Yield: | 125 gpm |

N-3470. (C-5) Village Avenue Associates Inc., east of Elmont Road and north of Village Avenue, Elmont. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Cellar | 12 | 12 |
| Coarse sand, grit | 35 | 47 |
| Coarse brown sand and fine brown sand | 11 | 58 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 58 feet.

N-3470. (*Continued*)

Pumping test:

February 1, 1950. Static water level: 19 feet
Drawdown: 10 feet
Yield: 100 gpm

N-3474. (D-7) Jericho Water District, Cedar Swamp Road and Wheatley Road, Wheatley. Drilled by Layne-New York Co., Inc., August 10, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Sand, gravel and boulders | 46 | 46 |
| Sand and coarse gravel | 10 | 56 |
| Fine to coarse sand and gravel, streaks of clay | 75 | 131 |
| Sand, blue clay | 12 | 143 |
| Hard packed sand, lignite | 65 | 208 |
| Blue clay | 8 | 216 |
| Hard brown sand, streaks of blue clay | 43 | 259 |
| Medium coarse sand and clay | 35 | 294 |
| Medium coarse sand, white clay | 13 | 307 |
| Sandy clay | 9 | 316 |
| Coarse sand, thin streaks clay | 12 | 328 |
| Hard black clay | 16 | 344 |
| Sand and gravel | 6 | 350 |
| Sand, streaks of clay | 9 | 359 |
| Tough clay | 2 | 361 |
| Coarse sand, gravel, streaks of clay | 11 | 372 |
| White clay | 3 | 375 |
| Medium coarse sand | 8 | 383 |
| White clay | 2 | 385 |
| Coarse sand and gravel | 30 | 415 |
| Tough white clay | 29 | 444 |
| Coarse sand and gravel, white clay streaks..... | 70 | 514 |
| Tough white clay | 29 | 444 |
| Coarse sand and gravel, white clay streaks | 70 | 514 |
| Tough white clay | below 514 | |

Casing: 24, 18 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 512 feet.

Pumping test:

June 2, 1950. Duration: 8 hours
Static water level: 153 feet
Drawdown: 39 feet
Yield: 1212 gpm

N-3477. (D-6) Swan Club, Shore Road and Landing Road, Roslyn. Drilled by Fred Habenicht & Sons, February 11, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------|---------------------|-----------------|
| Fill | 7 | 7 |
| Hard packed sand | 12 | 19 |
| Black bay mud | 4 | 23 |
| Gray hard clay | 3 | 26 |
| Gray sticky clay | 15 | 41 |
| Brown sandy clay | 8 | 49 |

(Continued on next page)

N-3477. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Brown sand | 2 | 51 |
| Coarse yellow sand | 8 | 59 |
| Casing: 4 inches. | | |
| Screen: 8 feet of 4 inch with bottom at 59 feet. | | |
| Pumping test: | | |
| February 11, 1950. Duration: | 4 hours | |
| Static water level: | flows | |
| Drawdown: | 12 feet | |
| Yield: | 70 gpm | |

N-3482. (D-7) Long Island Community Playhouses, Inc., (Hicksville Playhouse) Marie Street and Broadway, Hicksville. Drilled by Duffield Construction Co., June 16, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Coarse sand and rock | 5 | 5 |
| Large rock | 5 | 10 |
| Large stone, some sand | 30 | 40 |
| Sand and gravel | 49 | 89 |
| Casing: 8 inches. | | |
| Screen: 10 feet of 8 inch with bottom at 89 feet. | | |
| Static water level: | 65 feet | |
| Yield: | 250 gpm | |

N-3484. (D-6) Westbury Theatre Corporation, Post Avenue and Newton Street, Westbury. Drilled by C. W. Lauman & Co., Inc., April 21, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 12 | 12 |
| Coarse brown sand and heavy gravel | 17 | 29 |
| Fine sand and clay | 31 | 60 |
| Sandy clay | 20 | 80 |
| Solid brown clay | 46 | 126 |
| Fine brown sand and lumps of brown clay | 8 | 134 |
| Medium coarse brown sand | 7 | 141 |
| Fine sand and lumps of clay | 23 | 164 |
| Solid light brown clay | 5 | 169 |
| Solid gray clay | 31 | 200 |
| Casing: 8 inches. | | |
| Screen: 24 feet of 8 inch with bottom at 165 feet. | | |
| Pumping test: | | |
| April 20, 1950. Duration: | 3 hours | |
| Static water level: | 30 feet | |
| Drawdown: | 34 feet | |
| Yield: | 300 gpm | |

N-3486. (E-7) Oyster Bay Water District, Mill Hill Road and Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., April 7, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Clay | 2 | 10 |
| Medium brown sand and small gravel | 10 | 20 |

N-3486. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Coarse brown sand and small gravel | 10 | 30 |
| Coarse brown sand and medium gravel | 10 | 40 |
| Coarse brown sand and coarse gravel | 10 | 50 |
| Fine brown sand | 10 | 60 |
| Medium brown sand and small gravel | 15 | 75 |
| Coarse brown sand and coarse gravel | 5 | 80 |
| Medium brown sand and coarse gravel | 10 | 90 |
| Medium brown sand | 12 | 102 |

Casing: 12 and 20 inches.

Screen: 32 feet of 12 inch with bottom at 102 feet.

Pumping test:

| | |
|--------------------------------|----------|
| April 7, 1950. Duration: | 12 hours |
| Static water level: | flows |
| Yield: | 500 gpm |

N-3488. (C-7) Hicksville Water District, Jerusalem Avenue and Oyster Bay-Hempstead Town Line, Hicksville. Drilled by C. W. Lauman & Co., Inc., May 22, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam | 2 | 3 |
| Coarse brown sand and grits | 85 | 88 |
| Multi-colored sandy clay | 7 | 95 |
| Medium coarse brown sand | 2 | 97 |
| Multi-colored sandy clay | 22 | 119 |
| Fine brown sand | 25 | 144 |
| Layers of fine brown sand and sandy clay | 33 | 177 |
| Solid gray clay and layers of brown sandy clay | 25 | 202 |
| Fine brown sand | 10 | 212 |
| Fine gray sand | 11 | 223 |
| Fine brown sand | 5 | 228 |
| Fine brown sandy clay | 5 | 233 |
| Medium fine brown sand | 6 | 239 |
| Solid gray clay | 4 | 243 |
| Fine brown sandy clay | 7 | 250 |
| Fine brown clay | 18 | 268 |
| Solid gray clay and sandy clay | 16 | 284 |
| Fine brown sand | 5 | 289 |
| Streaks of sandy clay, fine sand and hardpan | 5 | 294 |
| Fine brown sand | 4 | 298 |
| Fine gray sandy clay | 6 | 304 |
| Fine brown sand | 10 | 314 |
| Multi-colored sandy clay | 11 | 325 |
| Fine brown sand (dirty) | 4 | 329 |
| Fine gray sandy clay and layers of clay | 17 | 346 |
| Fine brown sand | 3 | 349 |
| Fine gray sandy clay | 2 | 351 |

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 168 feet.

Pumping test:

| | |
|----------------------------------|----------|
| October 7, 1950. Duration: | 8 hours |
| Static water level: | 44 feet |
| Drawdown: | 47 feet |
| Yield: | 1540 gpm |

N-3493. (E-5) Gustave Schindler, Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 17, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam and large rocks | 2 | 3 |
| Sandy loam and large rocks | 9 | 12 |
| Brown coarse sand and large gravel | 61 | 73 |
| Medium coarse sand, grits and mica | 25 | 98 |
| Fine brown sand and mica | 2 | 100 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 100 feet.

Pumping test:

July 21, 1950. Static water level: 84 feet
Yield: 10 gpm

N-3498. (B-8) Town of Oyster Bay, Tobay Beach. Drilled by Long Island Water Supply Co., Inc., May 29, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Sand | 40 | 40 |
| Clay | 215 | 255 |
| Clay and fine sand | 40 | 295 |
| Sand | 7 | 302 |
| Sand and clay | 6 | 308 |
| Clay | 7 | 315 |
| Sand | 20 | 335 |

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 335 feet.

Pumping test:

May 26, 1950. Duration: 8 hours
Static water level: 30 feet
Drawdown: 30 feet
Yield: 125 gpm

N-3504. (C-5) New York Telephone Company, Lowell Avenue and Tyson Avenue, Floral Park. Drilled by C. W. Lauman & Co., Inc., May 16, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Open pit | 9 | 9 |
| Fill | 2 | 11 |
| Medium coarse sand | 3 | 14 |
| Medium coarse sand and grits | 7 | 21 |
| Coarse sand and grits and gravel | 62 | 83 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 83 feet.

Pumping test:

May 16, 1950. Duration: $\frac{1}{2}$ hour
Static water level: 36 feet
Drawdown: 14 feet
Yield: 60 gpm

N-3511. (C-5) Westchester Racing Association, Belmont Park, Elmont. Drilled by Artesian Well & Equipment Co. Inc., June 14, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil clay and sand | 4 | 4 |
| Coarse sand and pea size gravel | 49 | 53 |
| Medium sand | 46 | 99 |
| Coarse sand and gravel | 21 | 110 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 110 feet. | | |
| Pumping test: | | |
| April 19, 1950. Duration: | | 8 hours |
| Static water level: | 37 | feet |
| Drawdown: | 7 | feet |
| Yield: | 69 | gpm |

N-3515. (D-7) Molla Furniture Company, north of Fulton Street and east of Bond Street, New Cassel. Drilled by C. W. Lauman & Co., Inc., August 14, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Topsoil | 1 | 1 |
| Coarse sand, grits and gravel | 39 | 40 |
| Coarse brown sand | 7 | 47 |
| Very fine brown sandy clay | 26 | 73 |
| Gray clay | 3 | 76 |
| Very fine brown sand and lumps of clay | 4 | 80 |
| Medium coarse brown sand | 9 | 89 |
| Sandy clay | 16 | 105 |
| Casing: 6 inches. | | |
| Screen: 6 feet of 6 inch with bottom at 89 feet. | | |
| Static water level: | 49 | feet |
| Yield: | 35 | gpm |

N-3520. (C-6) Long Island Water Corporation, south of Hempstead Avenue and west of Cleveland Street, Lakeview. Drilled by C. W. Lauman & Co., Inc., September 17, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Topsoil and sand | 3 | 3 |
| Hard brown sand | 7 | 10 |
| Brown sand and gravel | 31 | 41 |
| Very fine sandy clay, pyrite and lignite | 49 | 90 |
| Fine gray sand, dirty | 5 | 95 |
| Very fine dark gray clay with layers of pyrite and lignite | 2 | 97 |
| Very fine gray sand and mica | 8 | 105 |
| Very fine brown sandy clay with pyrite and lignite | 9 | 114 |
| Fine gray sand, lignite, dirty | 2 | 116 |
| Fine gray sandy clay | 4 | 120 |
| Fine gray sandy clay and hardpan | 7 | 127 |
| Fine gray sand, dirty | 8 | 135 |
| Medium fine gray sand and lignite | 7 | 142 |
| Very fine brown sandy clay | 2 | 144 |
| Very fine gray sand and clay | 8 | 152 |

(Continued on next page)

N-3520. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Layers of fine sand and clay | 1 | 153 |
| Fine gray sand | 5 | 158 |
| Fine gray sand, pieces of clay | 3 | 161 |
| Fine gray sand, dirty | 3 | 164 |
| Fine gray sand with pieces of clay | 5 | 169 |
| Very fine gray sand with layers fine brown sandy clay and lignite | 8 | 177 |
| Very fine brown sandy clay, solid | 4 | 181 |
| Brown sandy clay | 3 | 184 |
| Very fine brown sandy clay, layers of pyrite and lignite | 5 | 189 |

Casing: 24 and 12 inches.

Screen: 52 feet of 12 inch with bottom at 177 feet.

Pumping test:

| | |
|--------------------------------|----------|
| March 1, 1951. Duration: | 8 hours |
| Static water level: | 7 feet |
| Drawdown: | 106 feet |
| Yield: | 840 gpm |

N-3521T. (D-5) Village of Plandome, Stonytown Road, Plandome. Drilled by C. W. Lau-man & Co., Inc., May 15, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------|---------------------|-----------------|
| Loam | 1 | 1 |
| Solid gray clay | 8 | 9 |
| Coarse brown sand and grit | 21 | 30 |
| Solid gray clay | 50 | 80 |
| Coarse gray sand grit and some gravel | 9 | 89 |
| Coarse brown sand grit and some gravel | 30 | 119 |
| Coarse brown sand grit and lumps of clay and layers of hardpan | 15 | 134 |
| Medium coarse brown sand grit and large gravel | 59 | 203 |
| Fine brown sand | 15 | 218 |
| Solid gray clay and lignite | 103 | 321 |
| Fine brown sandy clay | 22 | 343 |
| Fine brown sand and some clay | 10 | 353 |
| Coarse brown sand | 11 | 364 |
| Coarse brown sand clay grit and some gravel | 4 | 368 |
| Solid brown clay | 23 | 391 |
| Fine brown sand dirty | 4 | 395 |
| Medium coarse brown sand | 4 | 399 |
| Coarse brown sand and grit | 7 | 406 |

Formation test well only.

For pumping test data see well N-3540 installed 20 feet from test well.

N-3523. (D-5) Manhasset-Lakeville Water District, north of Park Avenue and east of Eakins Road, Manhasset. Drilled by Layne-New York Co., Inc., August 16, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Gravel and boulders | 98 | 98 |
| Hard packed sand and gravel | 66 | 164 |
| Sand gravel and hard streaks | 24 | 188 |
| Hard sand, clay and gravel | 41 | 229 |
| Tough clay | 2 | 231 |
| Sand and clay | 56 | 287 |

N-3523. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Coarse sand and fine gravel | 34 | 321 |
| Sand and clay | 10 | 331 |
| Casing: 38, 20 and 12 inches. | | |
| Screen: 30 feet of 12 inch with bottom at 320 feet. | | |
| Pumping test: | | |
| August 16, 1950. Duration: | 8 hours | |
| Static water level: | 140 feet | |
| Drawdown: | 107 feet | |
| Yield: | 1062 gpm | |

N-3529. (B-6) Lido Theatre, north of East Park Street and west of Long Beach Boulevard, Long Beach. Drilled by C. W. Lauman & Co., Inc., July 20, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Fine gray sand | 2 | 8 |
| Gray clay | 6 | 14 |
| Fine gray sand | 30 | 44 |
| Gray clay | 5 | 49 |
| Coarse sand and grits..... | 4 | 53 |
| Medium gray sand | 13 | 66 |
| Medium brown sand | 4 | 70 |
| Coarse brown sand | 5 | 75 |
| Coarse brown sand and grits | 14 | 89 |
| Medium dark brown sand | 4 | 93 |
| Coarse sand grits and gravel | 7 | 100 |
| Medium brown sand and grits | 4 | 104 |
| Hard gray clay | 2 | 106 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 104 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 20, 1950. Duration: | 1 hour |
| Static water level: | 7 feet |
| Yield: | 150 gpm |

N-3534. (C-6) Hofstra College, Hempstead. Drilled by E. K. Hutchinson & Son, November 1, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Loam and gravel | 24 | 24 |
| Clay | 12 | 36 |
| Sand and gravel | 69 | 105 |

Casing: 10 inches.

Screen: 24 feet of 10 inch with bottom at 105 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| November 1, 1950. Duration: | 4 hours |
| Static water level: | 21 feet |
| Drawdown: | 31 feet |
| Yield: | 330 gpm |

N-3535. (D-6) Oliver H. Iselin, Hoagland Road and Cedar Swamp Road, Old Brookville.
Drilled by C. W. Lauman & Co., Inc., June 7, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Topsoil | 2 | 2 |
| Fine sand | 3 | 5 |
| Medium coarse sand and gravel mix | 20 | 25 |
| Sandy loam | 18 | 43 |
| Brown fine sand | 10 | 53 |
| Sand and heavy gravel | 21 | 74 |
| Medium coarse sand (life) | 5 | 79 |

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 79 feet.

Static water level: 55 feet
Yield: 30 gpm

N-3538. (D-6) Levitt & Sons, Inc., Westbury Road and Campbell Parkway, Albertson.
Drilled by C. W. Lauman & Co., Inc., May 31, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill, loose rocks | 5 | 5 |
| Coarse brown sand and grits | 9 | 14 |
| Sandy clay and 3 inch gravel | 18 | 32 |
| Coarse sand and grits | 17 | 49 |
| Dark brown medium sand | 30 | 79 |
| Coarse gravel and grits | 12 | 91 |
| Fine brown sand | 4 | 95 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Static water level: 53 feet
Yield: 150 gpm

N-3540. (D-5) Village of Plandome, south of Stonytown Road and west of Long Island Railroad, Plandome. Drilled by C. W. Lauman & Co., Inc., June 26, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Hard gray clay | 7 | 10 |
| Coarse yellow sand and gravel | 15 | 25 |
| Hard gray clay | 55 | 80 |
| Sand and heavy gravel | 15 | 95 |
| Medium to coarse yellow sand, gravel | 17 | 112 |
| Medium coarse sand, gravel and clay | 8 | 120 |
| Hard packed sand, some gravel and clay | 10 | 130 |
| Medium to coarse brown sand, some gravel | 20 | 150 |
| Medium to coarse brown sand and heavy gravel | 45 | 195 |
| Medium to coarse brown sand and some gravel | 12 | 207 |

Casing: 12 and 20 inches.

Screen: 52½ feet of 12 inch with bottom at 155 feet.

Pumping test:

July 20, 1950. Duration: 9 hours
Static water level: 33 feet
Drawdown: 52 feet
Yield: 700 gpm

Note: Refer also to N-3521T.

N-3547. (C-7) The Grand Union Company, Division Street and Hempstead Turnpike, Levittown. Drilled by Eastern Well & Pump Co., August 15, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Cellar | 10 | 10 |
| Coarse light brown sand and grits | 45 | 55 |
| Casing: 6 inches. | | |
| Screen: 11 feet of 6 inch with bottom at 55 feet. | | |
| Pumping test: | | |
| August 15, 1950. Duration: | 2 hours | |
| Static water level: | 25 feet | |
| Yield: | 124 gpm | |

N-3552. (C-7) Hicksville Water District, Newbridge Road and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Topsoil and clay | 6 | 6 |
| Coarse sand and gravel | 85 | 91 |
| Medium fine multicolored clay | 10 | 101 |
| Medium coarse red sand and some gravel | 36 | 137 |
| Fine red sand and mica | 11 | 148 |
| Brown sandy clay | 2 | 150 |
| Fine brown sand | 7 | 157 |
| Multicolored sandy clay | 3 | 160 |
| Fine brown sand and mica | 12 | 172 |
| Fine brown sand | 3 | 175 |
| Brown sandy clay | 10 | 185 |
| Hard brown sandy clay | 7 | 192 |
| Fine brown sandy clay | 9 | 201 |
| Casing: 20 and 12 inches. | | |
| Screen: 53 feet of 12 inch with bottom at 169 feet. | | |
| Pumping test: | | |
| November 27, 1950. Duration: | 8 hours | |
| Static water level: | 50 feet | |
| Drawdown: | 30 feet | |
| Yield: | 1515 gpm | |

N-3553. (C-7) Hicksville Water District, Wantagh State Parkway and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., May 21, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Topsoil and loam | 3 | 3 |
| Coarse yellow sand and gravel | 71 | 74 |
| Yellow muddy sand, streaked with clay | 31 | 105 |
| Medium to coarse yellow sand showing particles of clay | 25 | 130 |
| Fine gray muddy sand | 22 | 152 |
| Soft gray sandy clay | 88 | 240 |
| Hard dark gray sandy clay | 40 | 280 |
| Yellow sandy clay | 5 | 285 |
| Medium to coarse gray sand | 22 | 307 |
| Soft gray sandy clay | 19 | 326 |

(Continued on next page)

N-3553. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Medium coarse gray sand | 5 | 331 |
| Fine gray sand and clay and lumps of clay | 16 | 347 |
| Casing: 20 and 12 inches. | | |
| Screen: 53 feet of 12 inch with bottom at 152 feet. | | |
| Pumping test: | | |
| November 17, 1950. Duration : | 8 hours | |
| Static water level : | 43 feet | |
| Drawdown : | 64 feet | |
| Yield : | 1400 gpm | |

N-3554. (C-8) Nassau County, Department of Public Works, Herman Avenue and Sophia Street, Bethpage. Drilled by Nassau County, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse sand and gravel, some stones $\frac{1}{2}$ " to 2" | 27 | 29 |
| Light brown sandy clay and gravel | 4 | 33 |
| Coarse sand and gravel, some stones $\frac{1}{2}$ " to 2" | 11 | 44 |
| Yellow sandy clay | 34 | 78 |
| Fine sand and a little gravel | 21 | 99 |
| Yellow sandy clay | 1 | 100 |
| Fine brown sand with some clay | 6 | 106 |
| Fine sand and grits, small amount of gravel | 6 | 112 |
| Fine red sand with some clay mixture | 5 | 117 |
| Fine sand with red, sandy clay mixture | 5 | 122 |
| Fine light tan sand | 9 | 131 |
| Light brown clay | 8 | 139 |
| Fine light brown sand | 21 | 160 |
| Fine light gray sand | 14 | 174 |
| Gray clay and hardpan | 5 | 179 |
| Fine gray sand | 10 | 189 |
| Light brown, sandy clay | 3 | 192 |
| Fine brown sand | 8 | 200 |
| Light tan, sandy clay | 13 | 213 |
| Blue, sandy clay | 5 | 218 |
| Brown hard rock, sand with clay mixture | 26 | 244 |
| Fine yellow sand, some clay | 18 | 262 |
| Medium coarse brown sand—good water bearing..... | 7 | 269 |
| Dark blue, sandy clay, some stones | 9 | 278 |
| Blue jumbo clay | 12 | 290 |
| Clay | below 290 | |

Note: Test hole only used as observation well.

N-3561. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 5, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Dirty blue sandy clay | 7 | 10 |
| Coarse brown sand and gravel | 10 | 20 |
| Medium brown sand and gravel | 8 | 28 |
| Hard brown clay | 20 | 48 |
| Hard gray clay | 18 | 66 |
| Fine brown sand | 7 | 73 |
| Coarse brown sand and gravel | 11 | 84 |

N-3561. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Large stones and coarse sand | 5 | .89 |
| Coarse brown sand and gravel | 10 | 99 |
| Medium brown sand and gravel | 9 | 108 |
| Coarse brown sand and gravel | 9 | 117 |
| Medium brown sand and gravel | 4 | 121 |

Casing: 12 inch.

Screen: 30 feet of 12 inch, with bottom at 118 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 31, 1950. Duration: | 8 hours |
| Static water level: | flowing |
| Drawdown: | 80 feet |
| Yield: | 800 gpm |

N-3562. (B-5) Union Free School District No. 20, Marion Street and Waverly Avenue, East Rockaway. Drilled by Eastern Well & Pump Co., October 10, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Medium coarse brown sand, gravel and stones | 12 | 18 |
| Fine brown sand and gravel, some mica | 13 | 31 |
| Fine to medium brown sand, lots of gravel | 9 | 40 |
| Coarse light brown sand, grits and gravel..... | 20 | 60 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 55 feet.

Pumping test:

| | |
|----------------------------------|---------|
| October 3, 1950. Duration: | 3 hours |
| Static water level: | 19 feet |
| Drawdown: | 6 feet |
| Yield: | 102 gpm |

N-3565. (B-8) Walter Kaufman, Clearwater Avenue and Seminole Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 25, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Beach sand | 3 | 3 |
| Bog | 2 | 5 |
| Coarse sand and gravel | 28 | 33 |
| Coarse sand | 11 | 44 |
| Fine sand | 28 | 72 |
| Black clay | 12 | 84 |
| Sand and black clay | 12 | 96 |
| Fine white sand, wood and silt | 6 | 102 |
| Fine white sand, streaks of black clay | 22 | 124 |
| Fine white sand with gray clay | 22 | 146 |
| Black clay | 1 | 147 |
| Fine white sand and silt | 25 | 172 |
| Black clay | 7 | 179 |
| Fine white sand, black clay—water | 5 | 184 |
| Black clay | 1 | 185 |
| Fine white sand | 10 | 195 |
| Coarse white sand | 13 | 208 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 206 feet.

| | |
|---------------------------|---------|
| Static water level: | 2½ feet |
| Yield: | 8 gpm |

N-3568. (E-7) Kohler Bros., Vista Road and Alading Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., July 10, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil and fine sand | 5 | 5 |
| Coarse sand and gravel | 33 | 38 |
| Gray silty clay and fine sand | 80 | 118 |
| Hard gray clay | 5 | 123 |
| Medium coarse sand—life, little water | 3 | 126 |
| Very fine sand and clay mixture | 22 | 148 |
| Brown clay | 6 | 154 |
| Fine muddy sand and mica | 6 | 160 |
| Heavy gravel and clean sand | 6 | 166 |
| Casing: 4 inches. | | |
| Screen: 16 feet of 4 inch with bottom at 166 feet. | | |
| Static water level: | 2½ | feet |

N-3569. (D-7) Locust Grove Conduit Corporation, Robins Lane and Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., June 16, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Coarse sand, gravel and heavy stones | 23 | 23 |
| Coarse sand, grits and gravel | 5 | 28 |
| Coarse sand, gravel, heavy stones and some small boulders | 47 | 75 |
| Medium coarse white sand, some grits | 13 | 88 |
| White clay with layers of sand and hardpan | 37 | 125 |
| White clay | 14 | 139 |
| Sandy clay | 3 | 142 |
| Gray clay and hardpan | 7 | 149 |
| Sandy clay with straths of solid gray clay | 43 | 192 |
| Sandy white clay | 6 | 198 |
| Sandy yellow clay | 24 | 222 |
| Fine sand with clay | 11 | 233 |
| Solid gray clay | 34 | 267 |
| Sandy gray clay | 5 | 272 |
| Fine sand with clay and some hardpan | 3 | 275 |
| Solid white clay and hardpan | 4 | 279 |
| Very fine sand, clay and mica | 16 | 295 |
| Very fine sand, clay, mica and hardpan | 5 | 300 |
| Medium fine sand, some clay and mica | 5 | 305 |
| Medium fine sand, clay and hardpan | 5 | 310 |
| Fine sand, mica, clay and hardpan | 6 | 316 |
| Medium coarse sand, lumps of white clay, some grit | 5 | 321 |
| Fine sand, mica, hardpan, little clay | 5 | 326 |
| Medium coarse sand, hardpan | 2 | 328 |
| Gray clay and hardpan | 1 | 329 |
| Very fine sand, silt and claylike quicksand | 2 | 331 |
| Rubber clay with silt and hardpan | 4 | 335 |
| Fine sand and clay | 1 | 336 |
| Medium coarse sand, some clay and hardpan | 1 | 337 |
| Hard sandy clay | 7 | 344 |
| Fine sand, some lumps of white clay | 1 | 345 |
| Medium coarse sand, grits and mica | 5 | 350 |
| Coarse sand, grit and some hardpan | 8 | 358 |
| Coarse sand, grits and white clay | 3 | 361 |
| Coarse gray sand and grit | 5 | 366 |
| Coarse yellow sand and grit and gravel | 2 | 368 |
| Coarse gray sand, grit and gravel | 5 | 373 |

N-3569. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------|---------------------|-----------------|
| Coarse white sand, grit, some gravel | 2 | 375 |
| Coarse grayish sand, grit and gravel | 7 | 382 |
| Coarse yellow sand, grit and gravel | 2 | 384 |
| Medium coarse pink sand, grit, gravel and lumps white sandy clay | 5 | 389 |
| Medium coarse red sand, grit, gravel and lumps gray clay | 6 | 395 |
| Coarse brown sand, grit, gravel and lumps of gray clay | 4 | 399 |
| Coarse pinkish sand, grit, gravel, lumps white clay | | below 399 |
| Casing: 16 inches. | | |
| Screen: 50 feet of 8 inch with bottom at 402 feet. | | |
| Pumping test: | | |
| June 4, 1951. Duration: | 2 hours | |
| Static water level: | 104 feet | |
| Drawdown: | 98 feet | |
| Yield: | 1000 gpm | |

N-3570. (B-7) Town of Hempstead, Merrick Road and Meadowbrook Parkway, Merrick.
Drilled by C. W. Lauman & Co., Inc., November 10, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Loam and gravel | 3 | 3 |
| Medium coarse sand and grit | 8 | 11 |
| Coarse brown sand, grit and gravel | 22 | 33 |
| Medium coarse white sand and gravel | 7 | 40 |
| Solid gray clay | 18 | 58 |
| Sand, gravel with clay | 7 | 65 |
| Dirty white sand, grit and some clay | 13 | 78 |
| Medium fine sand, grit and mica | 20 | 98 |
| Fine sand, mica, layers of clay and wood | 22 | 120 |
| Medium coarse sand, grits and lumps of clay | 2 | 122 |
| Fine white sand, mica and white clay | 9 | 131 |
| Very fine gray sand, mica and lumps of clay | 18 | 149 |
| Very fine white sand, with clay | 2 | 151 |

Casing: 8 inches.
Screen: 16 feet of 8 inch with bottom at 129 feet.

| | | |
|------------------------------------|---------|--|
| Pumping test: | | |
| September 4, 1950. Duration: | 8 hours | |
| Static water level: | flows | |
| Drawdown: | 31 feet | |
| Yield: | 267 gpm | |

N-3579. (C-6) Woodall Industries, Guinea Woods Road and Westbury Avenue, Carle Place.
Drilled by Eastern Well & Pump Co., September 26, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Sand and gravel, large stones | 2 | 8 |
| Hard packed sand and gravel—(dirty) | 3 | 11 |
| Coarse light brown sand and gravel | 2 | 13 |
| Fine to medium brown sand and gravel | 50 | 63 |
| Same as above with clay and hardpan | 2 | 65 |

(Continued on next page)

N-3579. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------|---------------------|-----------------|
| Very fine uniform light brown sand, fairly clean, some mica | 8 | 73 |
| Muddy sand and clay | 4 | 77 |
| Casing: 6 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 6 feet. | | |
| Pumping test: | | |
| September 26, 1950. Duration: | 2 hours | |
| Static water level: | 22 feet | |
| Drawdown: | 5 feet | |
| Yield: | 20 gpm | |

Note: All measurements are from building floor.

N-3581. (B-6) A. M. A. Corporation, west of Lawson Blvd. and south of Weidner Avenue, Oceanside. Drilled by Eastern Well & Pump Co., October 6, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Bog | 2 | 6 |
| Dirty light brown sand and gravel | 4 | 10 |
| Dark grayish brown sand and gravel | 6 | 16 |
| Fine to medium light brown sand & gravel | 14 | 30 |
| Gray clay | 1 | 31 |
| Fine to medium light brown sand & gravel | 25 | 56 |
| Hard gray clay | | below 56 |
| Casing: 6 inch. | | |
| Screen: 11 feet of 6 inch, with bottom at 56 feet. | | |
| Pumping test: | | |
| September 9, 1950. Duration: | 2 hours | |
| Static water level: | 4½ feet | |
| Drawdown: | 12 feet | |
| Yield: | 82 gpm | |

N-3582. (C-7) Levitt & Sons, Inc., Center Lane and Mill Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., December 15, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Medium brown sand and gravel | 20 | 20 |
| Coarse brown sand, grits and large gravel | 59 | 79 |
| Casing: 10 inches. | | |
| Screen: 21 feet of 8 inch with bottom at 79 feet. | | |
| Pumping test: | | |
| September 5, 1950. Duration: | 8 hours | |
| Static water level: | 23 feet | |
| Drawdown: | 10 feet | |
| Yield: | 300 gpm | |

N-3584 (C-7) Levitt & Sons, Inc., Levittown Parkway and Beach Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., October 11, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam | 1 | 2 |
| Coarse yellow sand, gravel, heavy stones | 63 | 65 |
| Coarse sand, grits, gravel | 6 | 71 |
| Medium coarse sand, grits, gravel, yellow clay, lumps of white clay, hardpan, mica | 5 | 76 |
| Pink sand with clay, lumps white clay, hardpan mica | 9 | 85 |
| Sandy yellow clay with layers of hardpan | 15 | 100 |
| Medium fine sand with clay and hardpan | 6 | 106 |
| Fine sandy white clay and hardpan | 15 | 121 |

Casing: 12 inches.

Screen: 26 feet of 12 inch with bottom at 107 feet.

Pumping test:

| | | |
|-----------------------------------|-----|-------|
| October 11, 1950. Duration: | 8 | hours |
| Static water level: | 46½ | feet |
| Yield: | 600 | gpm |

N-3594. (B-5) Bildner Big Ben Corporation, Carpenter Avenue and Roosevelt Street, Lynbrook. Drilled by Eastern Well & Pump Co., September 22, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Soft sticky clay | 5 | 7 |
| Medium sand, not too clean | 1 | 8 |
| Coarse clean sand, mostly grits and gravel | 5 | 13 |
| Solid sticky clay | 3 | 16 |
| Dirty sand and gravel | 3 | 19 |
| Alternate layers, stiff black clay, very fine beach sand, very clayey, lignite | 161 | 180 |

Note: Well abandoned.

N-3603. (C-5) Franklin Square Water District, Court House Road and Schroeter Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., April 26, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Red brown sand | 35 | 35 |
| Brown sand, gravel | 66 | 101 |
| Sand, gravel, clay | 59 | 160 |
| Muddy sand | 36 | 196 |
| Black sandy clay | 74 | 270 |
| Sand streaks clay | 65 | 335 |
| Black clay | 7 | 342 |
| Muddy sand | 39 | 381 |
| Clay | 21 | 402 |
| Muddy sand | 24 | 426 |
| Sand | 54 | 480 |
| Clay | 2 | 482 |

(Continued on next page)

N-3603. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------|---------------------|-----------------|
| Sand | 12 | 494 |
| Clay | 4 | 498 |

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 393 feet.

Pumping test:

| | |
|---------------------------------|----------|
| April 26, 1951. Duration: | 8 hours |
| Static water level: | 28 feet |
| Drawdown: | 104 feet |
| Yield: | 1005 gpm |

N-3605. (C-5) Franklin Square Water District, Doris Street, Arlington Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., February 19, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Red sand | 65 | 65 |
| Black clay | 27 | 92 |
| Sandy clay | 202 | 294 |
| Tough clay | 4 | 298 |
| Sand gravel, clay streaks | 86 | 384 |
| Coarse sand | 36 | 420 |
| Coarse sand, clay streaks | 23 | 443 |

Casing: 24, 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 443 feet.

Pumping test:

| | |
|------------------------------------|----------|
| February 19, 1951. Duration: | 8 hours |
| Static water level: | 12 feet |
| Drawdown: | 27 feet |
| Yield: | 1012 gpm |

N-3610. (C-7) Hempstead Division Construction Corporation (J. C. Penney Store), Hempstead Turnpike and Division Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Pit | 10 | 10 |
| Very coarse sand and gravel and few large stones | 35 | 45 |
| Clean coarse sand, few stones | 22 | 67 |

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 66 feet.

Pumping test:

| | |
|----------------------------------|---------|
| October 5, 1950. Duration: | 5 hours |
| Static water level: | 29 feet |
| Drawdown: | 4 feet |
| Yield: | 130 gpm |

N-3611. (C-8) Seaford Fire District, Sunrise Highway and Seaman Neck Road, Seaford. Drilled by Joseph J. Kreiger, Inc., November 28, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 46 | 46 |

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 45 feet.

N-3611. (*Continued*)

Pumping test:

November 28, 1950. Duration: 1 hour
Static water level: 12 feet
Drawdown: 10 feet
Yield: 290 gpm

N-3618 (C-7) Levitt & Sons, Inc., Jerusalem Avenue and Hempstead Turnpike, Levittown.
Drilled by C. W. Lauman & Co., February 8, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 9 | 9 |
| Coarse sand, gravel, stones | 49 | 58 |
| Coarse sand and gravel | 18 | 76 |
| Fine sand and layer of fine sandy clay | 1 | 77 |
| Sand and gravel, little dirty | 4 | 81 |
| Fine brown clayey sand, stratified | 11 | 92 |
| Dark gray sandy clay | 23 | 115 |
| Brown sandy clay, more sand than above | 12 | 127 |
| Black sandy clay | 8 | 135 |
| Gray and tan sandy clay | 20 | 155 |
| Grayish tan fine clayey sand | 18 | 173 |
| Fine brown clayey sand | 13 | 186 |
| Grayish brown clayey sand | 18 | 204 |
| Gray and black clayey sand and lignite | 20 | 224 |
| Medium coarse and fine brown sand, little dirty, lumps of clay and hardpan | 62 | 286 |
| Grayish tan fine clayey sand | 35 | 321 |
| Dark gray sticky clay | 5 | 326 |
| Gray sandy clay | 17 | 343 |
| Gray clayey sand, very hard packed | 10 | 353 |
| Grayish tan clayey sand (soft), some hardpan | 18 | 371 |
| Coarse and fine brown sand, lumps of white gray soft clay, 4" layer of light gray solid clay at 371 feet | 17 | 388 |
| Light gray clayey fine sand | 2 | 390 |
| Grayish fine and coarse sand, little clayey, small layers of white clay | 25 | 415 |
| Thin layer of white clay. Same formation as above, little dirtier | 5 | 420 |

Casing: 16 inches.

Screen: 41 feet of 8 inch with bottom at 420 feet.

Pumping test:

February 8, 1951. Duration: 8 hours
Static water level: 34 feet
Drawdown: 51 feet
Yield: 1025 gpm

N-3619. (B-7) Pauline Pospl, Merrick Road and Long Island Railroad, Merrick. Drilled
by Mathies Well & Pump Co., Inc., October 20, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Coarse sand and gravel | 40 | 43 |

(Continued on next page)

N-3619. (*Continued*)

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 43 feet.

| | |
|---------------------------|---------|
| Static water level: | 8 feet |
| Drawdown: | 12 feet |
| Yield: | 40 gpm |

N-3621. (D-4) A. B. Wolosoff, Kings Point Road and Red Brook Road, Kings Point. Drilled by C. W. Lauman & Co., Inc., February 26, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Gray clay | 6 | 6 |
| Boulders | 3 | 9 |
| Fine gray sand | 2 | 11 |
| Brown coarse sand and gravel | 21 | 32 |
| Brown coarse sand and grits | 8 | 40 |
| Gray clay | 9 | 49 |

Casing: 8 inches.

Screen: 7 feet of 6 inch with bottom at 40 feet.

Pumping test:

| | |
|------------------------------------|---------|
| February 26, 1951. Duration: | 2 hours |
| Static water level: | 13 feet |
| Drawdown: | 19 feet |
| Yield: | 110 gpm |

N-3631. (C-6) Daniel Roberts, St. Paul's Place and Bedell Avenue, Hempstead. Drilled by Ralph L. Marks, December 8, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Top soil and clay | 4 | 4 |
| Fine sand and gravel | 15 | 19 |
| Coarse sand and gravel | 22 | 41 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 41 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| December 7, 1950. Duration: | 5 hours |
| Static water level: | 24 feet |
| Drawdown: | 2 feet |
| Yield: | 58 gpm |

N-3632. (C-6) Rivoli Theatre, Main Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Pit | 10 | 10 |
| Coarse brown sand and gravel | 53 | 63 |
| Gray sand and clay | 3 | 66 |
| Brown sand and clay | 2 | 68 |
| Sand, clay, hardpan and some gravel | 2 | 70 |

N-3632. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse brown sand | 10 | 80 |
| Light brown sand and clay | 4 | 84 |
| Brown sand, clay and hardpan | 2 | 86 |
| Gray sand, clay and some hardpan | 19 | 105 |
| Gray and brown sand and clay | 5 | 110 |
| Very fine brown sand and clay | 5 | 115 |
| Coarse brown sand | 8 | 123 |
| Medium coarse brown sand and lumps of clay | 2 | 125 |
| Coarse brown sand and clay | 3 | 128 |
| Coarse brown sand | 5 | 133 |
| Gravel with lumps of clay | 1 | 134 |
| Medium coarse brown sand | 3 | 137 |

Casing: 12 and 6 inches.

Screen: 23 feet of 6 inch with bottom at 137 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| January 2, 1951. Duration : | 4 hours |
| Static water level : | 17 feet |
| Drawdown : | 30 feet |
| Yield : | 600 gpm |

N-3634. (C-7) Levitt & Sons, Inc., Carman Avenue and Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., June 22, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Pit | 9 | 9 |
| Coarse brown sand and gravel | 39 | 48 |
| Medium fine brown sand, mica, hardpan and lumps of clay | 20 | 68 |
| Fine yellow sand, mica, lumps of clay | 12 | 80 |
| Very fine light brown sand, mica | 12 | 92 |
| Medium reddish brown sand, mica and small amount of clay | 12 | 104 |
| Fine reddish brown sand, mica, lumps of sandy clay | 7 | 111 |
| Very fine light brown sand, mica, white clay | 13 | 124 |
| Brown sandy clay | 26 | 150 |

Casing: 12 and 8 inches.

Screen: 21 feet of 8 inch with bottom at 109 feet.

Pumping test:

| | |
|---------------------------------|---------|
| June 22, 1951. Duration : | 2 hours |
| Static water level : | 41 feet |
| Drawdown : | 30 feet |
| Yield : | 410 gpm |

N-3637. (B-5) Harold Fromkin, Merrall Drive and Broadway, Lawrence. Drilled by Mathies Well & Pump Co., Inc., November 8, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Very fine sand | 5 | 11 |
| Coarse sand and gravel | 22 | 33 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 33 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 8, 1950. Duration : | 2 hours |
| Static water level : | 9 feet |
| Drawdown : | 12 feet |
| Yield : | 64 gpm |

N-3640. (B-6) H. C. Bohack Co., Inc., South Grove Street and Pine Street, Freeport.
Drilled by Sweeney & Gray Co., Inc., November 15, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------------|-----------------|
| Sand | 31 | 31 |
| Casing: 6 inches. | | |
| Screen: 8 feet of 6 inch with bottom at 31 feet. | | |
| Pumping test: November 15, 1950. | Duration: | 4 hours |
| | Static water level: | 10 feet |
| | Drawdown: | 14 feet |
| | Yield: | 69 gpm |

N-3646. (C-6) Mid Island Center, Inc., Hempstead Turnpike and Front Street, West Hempstead. Drilled by Eastern Well & Pump Co., December 29, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------------|-----------------|
| Fill | 4 | 4 |
| Brown sand and grits | 40 | 44 |
| Gray clay | 2 | 46 |
| Casing: 6 inches. | | |
| Screen: 5 feet of 6 inch with bottom at 44 feet. | | |
| Pumping test: December 29, 1950. | Duration: | 2 hours |
| | Static water level: | 26 feet |
| | Drawdown: | 2 feet |
| | Yield: | 30 gpm |

N-3649T. (C-6) Consolidated Lithographing Corporation, Guinea Woods Road, Carle Place.
Drilled by C. W. Lauman & Co., Inc., November 17, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 6 | 6 |
| Coarse brown sand, grits and gravel | 58 | 64 |
| Medium coarse brown sand and lumps of clay | 20 | 84 |
| Medium fine yellow sand and clay (very dirty) | 11 | 95 |
| Soft black clay and lignite | 17 | 112 |
| Medium fine brown sand | 23 | 135 |
| Multi-colored clay | 6 | 141 |
| Dark gray clay | 19 | 160 |
| Very fine gray sandy clay | 13 | 173 |
| Medium fine brown sand | 21 | 194 |
| Medium fine brown sand and streaks of clay | 12 | 206 |
| Solid gray clay layers of fine sandy clay | 11 | 217 |
| Fine gray sand and some clay | 17 | 234 |
| Solid gray clay | 9 | 243 |
| Fine brown sandy clay | 28 | 271 |
| Fine gray sand and some clay | 9 | 280 |
| Fine gray sandy clay | 11 | 291 |
| Fine gray sand and some clay | 9 | 300 |
| Multi-colored sandy clay | 4 | 304 |
| Static water level: | | 20 feet |

Note: Test hole only.

N-3653. (B-5) A. Bring, Adam Road and Waverly Avenue, Hewlett Harbor. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Pit | 4 | 4 |
| Fine sand | 2 | 6 |
| Medium fine sand, grits, gravel | 36 | 42 |
| Gray clay | 5 | 47 |

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 42 feet.

Pumping test:

| | |
|------------------------------------|---------|
| December 13, 1950. Duration: | 1 hour |
| Static water level: | 14 feet |
| Yield: | 66 gpm |

N-3667. (D-6) H. C. Bohack Co., Inc., Guinea Woods Road and Powerhouse Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., June 11, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Pit | 7 | 7 |
| Fill | 5 | 12 |
| Coarse sand and gravel | 22 | 34 |
| Large stone and gravel | 21 | 55 |
| Coarse sand and gravel | 35 | 90 |
| Medium sand and gravel | 16 | 106 |
| Gravel and sharp sand | 17 | 123 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 123 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 31, 1951. Duration: | 1 hour |
| Static water level: | 90 feet |
| Drawdown: | 6 feet |
| Yield: | 69 gpm |

N-3668. (C-6) Incorporated Village of Hempstead, Laurel Avenue and Maple Avenue, Hempstead. Drilled by Layne-New York Co., Inc., February 2, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Sand and gravel | 85 | 85 |
| Clay and wood | 47 | 132 |
| Clay and streaks of sand | 203 | 335 |
| Sand | 170 | 505 |

Casing: 28, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 499 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| February 2, 1953. Duration: | 8 hours |
| Static water level: | 19 feet |
| Drawdown: | 28 feet |
| Yield: | 1265 gpm |

N-3669. (D-5) Bing Realty Corporation, Brompton Road and Clent Road, Great Neck.
Drilled by E. K. Hutchinson & Son, April 10, 1950.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Loam and stone | 24 | 24 |
| Clay and gravel | 29 | 53 |
| Various colored white clay mostly | 12 | 65 |
| Gravel | 3 | 68 |
| White clay | 7 | 75 |
| Fine sand and mud becoming coarser | 52 | 127 |
| Coarse sand, pieces of white clay | 10 | 137 |
| White clay | | below 137 |

Casing: 10 inches.

Screen: 20 feet of 10 inch with bottom at 133 feet.

Pumping test:

| | |
|--------------------------------|---------|
| April 9, 1951. Duration: | 8 hours |
| Static water level: | 71 feet |
| Drawdown: | 29 feet |
| Yield: | 170 gpm |

N-3672. (C-5) Garden City Park Water District, Marcus Avenue and Denton Avenue,
Garden City Park. Drilled by Layne-New York Co., Inc., July 13, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Yellow sand and coarse gravel | 77 | 77 |
| Brown sand and gravel | 43 | 120 |
| Fine brown sand and clay streaks | 35 | 155 |
| White sandy clay | 37 | 192 |
| Fine sand and clay | 93 | 285 |
| Medium coarse sand | 17 | 302 |
| Blue clay | 8 | 310 |
| Coarse sand and clay | 38 | 348 |
| Sandy clay | 6 | 354 |
| Coarse sand and gravel, clay streaks | 37 | 391 |
| Tough clay | 6 | 397 |
| Coarse sand and gravel | 7 | 404 |
| White clay | 1 | 405 |
| Coarse sand and gravel, thin clay streaks | 42 | 447 |
| Tough black and red clay | 34 | 481 |

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 447 feet.

Pumping test:

| | |
|--------------------------------|----------|
| April 6, 1951. Duration: | 8 hours |
| Static water level: | 41 feet |
| Drawdown: | 70 feet |
| Yield: | 1000 gpm |

N-3674. (C-8) Food Fair Stores, Inc., Wantagh State Parkway and Hempstead Turnpike,
Levittown. Drilled by C. W. Lauman & Co., Inc., May 29, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Basement or pit | 7 | 7 |
| Coarse brown sand and gravel | 27 | 34 |
| Medium coarse sand and gravel | 25 | 59 |

N-3674. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 3 | 62 |
| Brown clay | 3 | 65 |
| Casing: 8 inches. | | |
| Screen: 11 feet of 8 inch with bottom at 60 feet. | | |
| Pumping test: | | |
| May 28, 1951. Duration: | 1 hour | |
| Static water level: | 25 feet | |
| Drawdown: | 3 feet | |
| Yield: | 69 gpm | |

N-3678. (D-7) William Willock, Jr., Jericho-East Norwich Road and Muttontown Road, Syosset. Drilled by Long Island Water Supply Co., January 16, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Loam and hardpan | 5 | 5 |
| Hardpan | 20 | 25 |
| Coarse stones and gravel | 65 | 90 |
| Fine sand | 40 | 130 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 130 feet. | | |
| Pumping test: | | |
| January 15, 1951. Duration: | 4 hours | |
| Static water level: | 79 feet | |
| Drawdown: | 16 feet | |
| Yield: | 35 gpm | |

N-3680. (C-7) New York Water Service Corporation, Jerusalem Avenue and Oakfield Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 3, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Muck | 3 | 6 |
| Coarse brown sand, gravel | 15 | 21 |
| Coarse dark brown sand, grits, gravel | 28 | 49 |
| Fine brown sand, mica, few grits | 4 | 53 |
| Fine gray sand, mica and a small amount of gray clay | 13 | 66 |
| Medium brown sand, mica, brown clay | 9 | 75 |
| Very fine gray sand, mica, gray clay | 16 | 91 |
| Gray sandy clay | 27 | 118 |
| Medium brown sand, mica and a small amount of clay | 30 | 148 |
| Medium gray sand, mica, gray clay | 4 | 152 |
| Medium dark gray sand, mica, gray clay and pieces of decayed wood | 4 | 156 |
| Dark gray sticky clay | 23 | 179 |
| Medium fine dark gray sand, mica, some clay lignite | 30 | 209 |
| Medium gray sand, mica, lignite | 9 | 218 |
| Fine gray sand, mica, gray clay | 7 | 225 |
| Gray sandy clay | 23 | 248 |
| Medium gray sand, mica, small amount of gray clay | 5 | 253 |
| Gray sticky sandy clay | 21 | 274 |
| Very fine gray sand, mica, gray clay | 8 | 282 |
| Medium fine gray sand, mica | 15 | 297 |

(Continued on next page)

N-3680. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Gray sandy clay | 16 | 313 |
| Medium fine gray sand, mica, lignite | 11 | 324 |
| Medium fine light gray sand, mica, some clay, iron pyrite | 7 | 331 |
| Gray sticky sandy clay | 36 | 367 |
| Very fine gray sand, mica, lignite | 6 | 373 |

Casing: 12 inches.

Screen: 58 feet of 12 inch with bottom at 328 feet.

Pumping test:

| | |
|------------------------------|----------|
| May 2, 1951. Duration: | 8 hours |
| Static water level: | 6 feet |
| Drawdown: | 72 feet |
| Yield: | 1350 gpm |

N-3681. (C-5) Associated Food Stores, Merrick Road near Shaw Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., May 28, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Medium sharp sand and gravel | 34 | 40 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 40 feet.

Pumping test:

| | |
|-------------------------------|--------|
| May 10, 1951. Duration: | 1 hour |
| Static water level: | 6 feet |
| Yield: | 50 gpm |

N-3682. (C-7) Bellmore Construction Corporation, New Theatre, Bedford Avenue and Wilson Avenue, Bellmore. Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Basement | 7 | 7 |
| Coarse brown sand, grits, gravel | 42 | 49 |
| Very fine gray sand—dirty | 3 | 52 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 feet.

Pumping test:

| | |
|---------------------------------------------|---------|
| January 26, 1951. Static water level: | 8 feet |
| Drawdown: | 7 feet |
| Yield: | 140 gpm |

N-3685. (C-6) New York Telephone Co., Fulton Avenue and Terrace Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Pit | 3 | 3 |
| Sand and gravel fill | 5 | 8 |
| Medium to coarse sand and gravel | 8 | 16 |
| Coarse sand and gravel | 40 | 56 |

N-3685. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Medium to fine yellow sand, some clay | 39 | 95 |
| Gray muddy silt | 35 | 150 |

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 56 feet.

Pumping test:

| | |
|--------------------------------|---------|
| April 2, 1951. Duration: | 5 hours |
| Static water level: | 18 feet |
| Drawdown: | 8 feet |
| Yield: | 300 gpm |

N-3687. (B-6) City of Long Beach, Long Beach. Drilled by Layne-New York Co., Inc., July 5, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Sand | 117 | 117 |
| Soft clay | 21 | 138 |
| Sand | 34 | 172 |
| Sandy clay | 10 | 182 |
| Gray sand | 45 | 227 |
| Sand, clay and wood | 23 | 240 |
| Tough clay | 10 | 250 |
| Clay, sand and wood | 59 | 309 |
| Clay | 7 | 316 |
| Clay, sand and wood | 22 | 338 |
| Sand, wood and hard streaks | 82 | 420 |
| Hard clay | 6 | 426 |
| Sand, clay and hard streaks | 30 | 456 |
| Sandy clay | 20 | 476 |
| Clay and hard streaks | 16 | 492 |
| Sand, clay and gravel | 66 | 558 |
| Clay, sand and hard streaks | 25 | 583 |
| Sand and gravel | 23 | 606 |
| Clay, sand and hard streaks | 18 | 624 |
| Sand and gravel | 23 | 647 |
| Sand, gravel and streaks of clay | 59 | 706 |
| Clay and hard streaks of clay | 72 | 778 |
| Hard clay | 12 | 790 |
| Sand, gravel and hard streaks | 10 | 800 |
| Clay, sand and hard streaks | 23 | 823 |
| Hard streaks and clay | 159 | 982 |
| Sand and hard streaks of clay | 46 | 1028 |
| Clay, sand and gravel | 81 | 1109 |
| Sand and gravel | 43 | 1152 |
| Clay and hard streaks | 25 | 1177 |
| Sand and gravel | 71 | 1248 |
| Sand, gravel and clay | 18 | 1266 |

Casing: 18, 12 and 8 inches.

Screen: 50 feet of 8 inch with bottom at 1245 feet.

Pumping test:

| | |
|-------------------------------|----------|
| July 5, 1951. Duration: | 8 hours |
| Static water level: | 8 feet |
| Drawdown: | 70 feet |
| Yield: | 1210 gpm |

N-3690. (B-5) Louis L. Sternberg, Woodside Drive and Lefferts Road, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., October 25, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil and fill | 4 | 4 |
| Fine brown sand, grits and gravel | 18 | 22 |
| Gray clay | 28 | 50 |
| Fine to coarse brown sand, grits and gravel | 10 | 60 |

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 60 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| October 25, 1951. Duration: | 3 hours |
| Static water level: | 8 feet |
| Yield: | 65 gpm |

N-3704. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and Long Island Railroad, Hempstead Gardens. Drilled by C. W. Lauman & Co., Inc., June 4, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Stratas of tan and brown, sand and gravel | 14 | 17 |
| Brown sand, grits and gravel | 25 | 42 |
| Light tan sand and gravel, more sand | 18 | 60 |
| Brown fine and coarse sand and gravel | 13 | 73 |
| Brown sand, grits and gravel, more gravel | 9 | 82 |
| Blue gray solid clay | 9 | 91 |
| Brown sand, gravel, large gravel | 4 | 95 |
| Grayish tan sand and gravel | 21 | 116 |
| Tan sand and gravel, more sand than above | 9 | 125 |
| Light gray sand and gravel | 5 | 130 |
| Tan sand and gravel, more gravel than above | 18 | 148 |
| White sand and gravel, more sand than above | 12 | 160 |

Casing: 20 and 16 inches.

Screen: 53 feet of 12 inch with bottom at 159 feet.

Pumping test:

| | |
|-------------------------------|----------|
| June 4, 1951. Duration: | 8 hours |
| Static water level: | 25 feet |
| Drawdown: | 25 feet |
| Yield: | 2000 gpm |

N-3720. (C-7) Jamaica Water Supply Co., Swale Road, Franklin Square. Drilled by Layne-New York Co., Inc., December 12, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Sand and gravel | 28 | 28 |
| Sandy clay | 12 | 40 |
| Clay and streaks of sand | 58 | 98 |
| Sand, clay and wood | 66 | 164 |
| Clay and streaks of sand | 23 | 187 |
| Sandy clay | 41 | 228 |
| Tough clay and streaks of sand | 39 | 267 |
| Sand and gravel | 28 | 295 |
| Clay, sand and gravel | 10 | 305 |

N-3720. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Tough clay | 15 | 320 |
| Clay, sand and gravel | 17 | 337 |
| Sand, gravel and clay streaks | 24 | 361 |
| Clay | 8 | 369 |
| Sand, clay and wood | 16 | 385 |
| Tough clay | 17 | 408 |
| Hard packed muddy sand | 19 | 427 |
| Tough clay | 3 | 430 |
| Sand and gravel | 23 | 453 |
| Clay and hard streaks | 16 | 469 |
| Sand, fine gravel and some clay | 51 | 520 |
| Tough clay | 22 | 542 |
| Clay and gravel | 22 | 564 |
| Tough clay and hard streaks | 21 | 585 |

Casing: 24, 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 516 feet.

Pumping test:

| | |
|------------------------------------|----------|
| December 12, 1951. Duration: | 8 hours |
| Static water level: | 8 feet |
| Drawdown: | 53 feet |
| Yield: | 1400 gpm |

N-3733. (D-6) Albertson Water District, Albertson. Drilled by Layne-New York Co., Inc., August 28, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand and gravel | 26 | 26 |
| Hard pan | 14 | 40 |
| Sand and gravel | 20 | 60 |
| Brown sand | 49 | 109 |
| Brown white clay, sand | 31 | 140 |
| White sand | 19 | 159 |
| White clay | 11 | 170 |
| Sand | 38 | 208 |
| Clay | 13 | 221 |
| Muddy sand | 37 | 258 |
| Clay | 7 | 265 |
| Muddy sand | 45 | 310 |
| Coarse sand | 40 | 350 |
| Clay | 3 | 353 |
| Sand, clay | 32 | 385 |
| Clay | 18 | 403 |
| Red sand, gravel | 21 | 424 |
| Clay | 2 | 426 |
| Sand, gravel | 28 | 454 |
| Clay | 6 | 460 |

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 450 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 28, 1952. Duration: | 8 hours |
| Static water level: | 69 feet |
| Drawdown: | 25 feet |
| Yield: | 1030 gpm |

N-3734. (B-5) Peninsula Laundry, north of John Street and west of Wahl Avenue, Inwood.
Drilled by C. W. Lauman & Co., Inc., September 10, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Vault | 2 | 2 |
| Fine brown beach sand | 7 | 9 |
| Fine brown sand and grits | 7 | 16 |
| Gray sandy clay | 7 | 23 |
| Fine gray sand and gravel | 3 | 26 |
| Gray clay and clam shells | 25 | 51 |
| Fine white beach sand, few stones | 16 | 67 |
| Fine brown sand | 12 | 79 |
| Gray and brown clay mixed | 1/2 | 79 1/2 |
| Fine dark brown sand and grits | 6 1/2 | 86 |
| Fine dark brown sand | 9 | 95 |
| Fine brown sand | 5 | 100 |
| Fine sand, few gravel | 3 | 103 |
| Very fine brown sand | 6 | 109 |
| Fine sand | 5 | 114 |
| Medium fine sand and grits | 10 | 124 |
| Medium sand, grits, hardpan, gravel | 14 | 138 |
| Gray sandy clay and wood | | below 138 |

Casing: 6 inches.

Screen: 20 feet of 6 inch with bottom at 138 feet.

Pumping test:

| | | |
|----------------------------------|-------|-------|
| August 30, 1951. Duration: | 2 | hours |
| Static water level: | 4 1/2 | feet |
| Drawdown: | 63 | feet |
| Yield: | 165 | gpm |

N-3736. (C-5) King Kullen Grocery Co., Inc., north of Hillside Avenue and west of Lakeville Road, New Hyde Park, September 7, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Vault | 9 | 9 |
| Fill | 3 | 12 |
| Coarse sand and gravel | 23 | 35 |
| Fine sand, coarse gravel and grits | 15 | 50 |
| Medium sand and grits | 30 | 80 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 80 feet.

Pumping test:

| | | |
|--------------------------------|----|-------|
| June 12, 1951. Duration: | 2 | hours |
| Static water level: | 57 | feet |
| Drawdown: | 6 | feet |
| Yield: | 65 | gpm |

N-3740. (D-5) Arnold Praver, 13 Hickory Drive, Great Neck. Drilled by E. K. Hutchinson & Son, August 20, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Loam, clay, coarse stones | 60 | 60 |
| Sand and gravel | 12 | 72 |

N-3740. (*Continued*)

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 72 feet.

Pumping test:

| | |
|-------------------------------|---------|
| July 2, 1951. Duration: | 6 hours |
| Static water level: | 50 feet |
| Drawdown: | 4 feet |
| Yield: | 50 gpm |

N-3741. (B-5) Lynbrook Estates Inc., "Medical Center", Union and Atlantic Avenues, Lynbrook. Drilled by C. W. Lauman & Co., Inc., June 17, 1951.

| | | |
|--------------------------------|----|-----|
| Fill | 9 | 9 |
| Sand and gravel | 5 | 14 |
| Fine sand and some grits | 17 | 31 |
| Gray clay | 11 | 42 |
| Fine sand and clay | 10 | 52 |
| Gray clay | 27 | 79 |
| Sandy light brown clay | 6 | 85 |
| Fine white beach sand | 26 | 111 |
| Dark gray sandy clay | 11 | 122 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 110 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 15, 1951. Duration: | 6 hours |
| Static water level: | 14 feet |
| Drawdown: | 8 feet |
| Yield: | 69 gpm |

N-3742. (D-5) North Hempstead Country Club, Port Washington. Drilled by Layne-New York Co., Inc., February 1, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Hardpan | 12 | 12 |
| Gravel | 10 | 22 |
| Sand, gravel and boulders | 137 | 159 |
| Clay | 4 | 163 |
| Sand, gravel and boulders | 22 | 185 |
| Hard streaks and boulders | 35 | 210 |
| Brown sand and gravel | 55 | 265 |
| Yellow clay | | below 265 |

Casing: 12 and 8 inches.

Screen: 30 feet of 8 inch with bottom at 260 feet.

Pumping test:

| | |
|--------------------------------|----------|
| June 20, 1951. Duration: | 8 hours |
| Static water level: | 101 feet |
| Drawdown: | 13 feet |
| Yield: | 300 gpm |

N-3744. (E-7) Dr. E. C. Jessup, north of Seawanhaka Road and east of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., June 19, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Brown clay, heavy sand | 35 | 25 |
| Gray clay | 73 | 108 |

(Continued on next page)

N-3744. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Gray clay and stones | 15 | 123 |
| Gray clay and fine sand | 15 | 138 |
| Coarse sand and gravel | 10 | 148 |
| Green clay | 19 | 167 |
| Green clay and clam shells | 19 | 186 |
| Coarse sand and sand, stones | 3 | 189 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 189 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 19, 1951. Duration: | 1 hour |
| Static water level: | 18 feet |
| Yield: | 6 gpm |

N-3745. (C-6) Incorporated Village of Rockville Centre, Rockville Centre. Drilled by Layne-New York Co., Inc., June 2, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 27 | 27 |
| Fine sand and gravel | 29 | 56 |
| Sand, gravel and soft clay | 38 | 94 |
| Sand, clay, gravel and wood | 46 | 140 |
| Sand, clay and wood | 67 | 207 |
| Clay, sand and gravel | 68 | 275 |
| Sand, gravel and clay streaks | 67 | 342 |
| Sand, wood and clay streaks | 44 | 386 |
| Hard packed sand and gravel | 31 | 417 |
| Clay | 5 | 422 |
| Sand, gravel and clay streaks | 23 | 445 |
| Clay and hard streaks | 9 | 454 |
| Hard packed sand and clay streaks | 30 | 484 |
| Sand and gravel | 15 | 499 |
| Clay and hard streaks of sand | 36 | 535 |
| Sand and gravel | 65 | 600 |
| Clay | 8 | 608 |

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 592 feet.

Pumping test:

| | |
|--------------------------------|----------|
| July 24, 1951. Duration: | 8 hours |
| Static water level: | 20 feet |
| Drawdown: | 47 feet |
| Yield: | 1344 gpm |

N-3747. (C-6) Garden City Co. (Martins' store), north of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well & Pump Co., October 11, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Pit or cellar | 11 | 11 |
| Sand and gravel | 30 | 41 |
| Medium coarse brown sand | 18 | 59 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 59 feet.

| | |
|---------------------------|---------|
| Static water level: | 33 feet |
| Yield: | 110 gpm |

N-3750T. (D-8) East Coast Lumber Co., north of Old Motor Parkway and west of Nassau-Suffolk City Line, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 15, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse reddish brown sand and gravel | 8 | 10 |
| Solid brown clay | 24 | 34 |
| Brown clayey sand and some gravel | 6 | 40 |
| Coarse brown sand and gravel | 12 | 52 |
| Very fine brown sand and mica | 4 | 56 |

Casing: 12 inches.

Note: This was a formation test hole.

N-3752. (D-6) Helena Rubinstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., October 11, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Vault | 6 | 6 |
| Sandy clay and gravel | 2 | 8 |
| Coarse sand, grits and heavy gravel | 32 | 40 |
| Coarse gravel and grits | 20 | 60 |
| Medium gravel and grits | 35 | 95 |
| Coarse brown sand and grits | 42 | 137 |
| Medium brown sand | 7 | 144 |
| Brown clay | 6 | 150 |
| Sandy clay | 8 | 158 |
| Coarse gravel with clay | 3 | 161 |
| Coarse sand and gravel | 7 | 168 |
| Sandy clay | 37 | 205 |
| Coarse sand, gravel and grits | 4 | 209 |
| Solid clay | 1 | 210 |
| Fine white sand with clay | 6 | 216 |
| Fine brown sand with hardpan | 3 | 219 |
| White clay | 4 | 223 |
| Sandy clay | 1 | 224 |
| Sandy clay with streaks of clay | 2 | 226 |
| Fine brown sand | 6 | 232 |
| White clay | 6 | 238 |
| Sandy white clay with streaks of red hardpan | 2 | 240 |
| Medium brown sand | 1 | 241 |
| Light brown sandy clay with streaks of solid clay and hardpan | 5 | 246 |
| Fine white sand with clay | 2 | 248 |
| Fine brown sand with clay | 4 | 252 |
| Medium brown sand | 6 | 258 |
| Medium brown sand and grits | 2 | 260 |
| White clay | 1 | 261 |
| Sandy clay | 5 | 266 |

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 258 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 11, 1951. Duration: | 4 hours |
| Static water level: | 151 feet |
| Drawdown: | 61 feet |
| Yield: | 154 gpm |

N-3756. (C-5) Food Fair Stores, Inc., north of Hillside Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., September 14, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Cellar | 9 | 9 |
| Coarse dark brown sand and gravel | 25 | 34 |
| Coarse brown sand, large amount of gravel | 11 | 45 |
| Coarse brown sand and gravel | 10 | 55 |
| Coarse sand, large amount of gravel | 12 | 67 |
| Medium coarse sand and grits | 33 | 100 |
| Gray clay | 2 | 102 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 100 feet.

Pumping test:

| | |
|---------------------------------|---------|
| August 8, 1951. Duration: | 2 hours |
| Static water level: | 62 feet |
| Drawdown: | 16 feet |
| Yield: | 185 gpm |

N-3758. (C-6) Laboratory Furniture Co., Inc., north of Old Country Road and east of Motor Parkway, Carle Place. Drilled by C. W. Lauman & Co., Inc., October 4, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Pit | 9 | 9 |
| Coarse sand and large gravel | 46 | 55 |
| Coarse sand and gravel | 9 | 64 |
| Clean medium sand | 13 | 77 |
| Fine brown sand | 5 | 82 |
| Medium fine sand | 3 | 85 |
| Coarse sand and gravel | 6 | 91 |
| Very fine gray sand | 1 | 92 |
| Fine sand and gray clay | 8 | 100 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 91 feet.

Pumping test:

| | |
|----------------------------------|---------|
| October 1, 1951. Duration: | 2 hours |
| Static water level: | 39 feet |
| Drawdown: | 21 feet |
| Yield: | 240 gpm |

N-3760. (B-6) John Geralamo, Saratoga and Austin Boulevards, Island Park. Drilled by Fred Habenicht & Sons, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Bog | 3 | 3 |
| White sand and clay | 205 | 208 |
| Dirty white sand | 61 | 269 |

Casing: 4 inches.

Static water level: 3 feet

Note: Well abandoned. Water unfit for domestic use.

N-3775. (B-5) Central Avenue Corporation, Central Avenue and Prospect Avenue, Cedarhurst. Drilled by Eastern Well & Pump Co., September 24, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Cellar | 7 | 7 |
| Sand and gravel | 16 | 23 |
| Fine white sand | 8 | 31 |
| Medium to fine brown sand, few gravel | 13 | 44 |
| Dirty black sand | | below 44 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 44 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 23, 1951. Duration: | 2 hours |
| Static water level: | 17 feet |
| Drawdown: | 14 feet |
| Yield: | 49 gpm |

N-3780. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., November 26, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Loam and rocks | 2 | 2 |
| Coarse sand and gravel | 56 | 58 |
| Medium coarse sand and small gravel | 11 | 69 |
| Medium fine sand, small amount of grits | 9 | 78 |
| Coarse gravel and small amount of sand | 2 | 80 |
| Dark medium coarse sand and grits | 8 | 88 |
| Light brown coarse sand | 3 | 91 |
| Coarse brown sand and large amount of grits | 10 | 101 |
| Medium brown coarse sand and grits | 6 | 107 |
| Medium gray coarse sand and grits | 3 | 110 |
| Medium coarse brown sand and grits | 3 | 113 |
| Light brown sand and grits | 3 | 116 |
| Light gray coarse sand and grits | 5 | 121 |
| Medium fine gray sand, some grits | 6 | 127 |
| Medium fine brown sand | 10 | 137 |
| Fine gray sandy clay | 11 | 148 |
| Medium coarse brown sand | 5 | 153 |
| Fine gray sandy clay | 22 | 175 |
| Fine gray sand and some clay | 13 | 188 |
| Fine gray sandy clay | 26 | 214 |
| Fine gray sand | 4 | 218 |
| Solid gray clay | 6 | 224 |
| Fine brown sand | 9 | 233 |
| Layers of fine gray sand and sandy clay | 58 | 291 |
| Solid gray clay and lignite | 5 | 296 |
| Fine gray sand and some clay | 49 | 345 |
| Solid dark gray clay | 8 | 353 |
| Fine gray sand and some clay | 5 | 358 |
| Fine gray sandy clay and lignite | 5 | 363 |
| Solid dark gray clay | 6 | 369 |
| Medium fine gray sand and lignite | 25 | 394 |
| Fine gray sandy clay and lignite | 18 | 412 |
| Dark gray solid clay | 26 | 448 |
| Fine gray sandy clay, layers of solid clay and lignite | 54 | 502 |

(Continued on next page)

N-3780. (*Continued*)

Casing: 16 inches.

Screen: 52 feet of 16 inch with bottom at 141 feet.

Pumping test:

| | |
|------------------------------------|----------|
| November 14, 1951. Duration: | 7 hours |
| Static water level: | 16 feet |
| Drawdown: | 32 feet |
| Yield: | 1800 gpm |

N-3781. (C-5) Long Island Water Corporation, Hendrickson Avenue, Valley Stream.
Drilled by Layne-New York Co., Inc., July 17, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 35 | 35 |
| Soft sand and clay | 10 | 45 |
| Sand, streaks clay | 15 | 60 |
| Sand and some clay | 45 | 105 |
| Sand, clay and wood | 15 | 120 |
| Sandy clay | 22 | 142 |
| Clay, gravel and sand | 42 | 184 |
| Sand and gravel | 25 | 209 |
| Sandy clay | 81 | 290 |
| Medium fine sand | 32 | 322 |
| Clay and sand | 13 | 335 |
| Sand | 11 | 346 |
| Tough clay | 16 | 362 |
| Gray sand, medium to coarse | 41 | 403 |
| Tough clay | 6 | 409 |
| Gray medium to coarse sand | 41 | 450 |
| Tough clay | 7 | 457 |
| Sandy clay | 20 | 477 |
| Hard clay | 18 | 495 |
| Coarse gray sand and chalk streaks and clay | 44 | 539 |
| Clay | 41 | 580 |

Casing: 24, 16 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 430 feet.

Pumping test:

| | |
|-----------------------------------|--------------|
| December 4, 1951. Duration: | 8 hours |
| Static water level: | ground level |
| Drawdown: | 71 feet |
| Yield: | 1600 gpm |

N-3796. (D-7) George E. Murnane, Brookville Road and Muttontown Road, Muttontown.
Drilled by C. W. Lauman & Co., Inc., December 4, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Gray sandy clay, gravel | 4 | 6 |
| Coarse sand, heavy gravel | 20 | 26 |
| Heavy gravel, boulders, hardpan | 21 | 47 |
| Coarse sand and gravel | 26 | 73 |
| Fine to medium to coarse sand, gravel, grits | 42 | 115 |
| Fine brown sand, grits | 9 | 124 |
| Fine brown silt | 6 | 130 |

N-3796. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Brown sandy clay | 9 | 139 |
| Brown sandy clay, grits | 2 | 141 |
| Hard gray clay | 22 | 163 |
| Medium coarse sand, grits, gravel | 11 | 174 |

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 173 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| November 14, 1952. | Duration: | 4 hours |
| | Static water level: | 126 feet |
| | Drawdown: | 12 feet |
| | Yield: | 68 gpm |

N-3799. (C-8) Food Fair Stores, Inc., north of Hempstead Turnpike and east of Hicksville Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., September 24, 1950.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Cellar and pit | 11 | 11 |
| Large gravel and coarse sand | 19 | 30 |
| Medium coarse sand and grits | 10 | 40 |
| Medium fine sand and some grits | 2 | 42 |
| Sharp medium coarse sand | 8 | 50 |
| Coarse sand and some hardpan | 3 | 53 |
| Coarse brown sand | 5 | 58 |
| Medium fine reddish sand | 1 | 59 |
| Medium coarse brown sand | 6 | 75 |

Casing: 8 inch.

Screen: 12 feet of 8 inch, with bottom at 72 feet.

Pumping test:

| | | |
|---------------------|---------------------------|---------|
| September 20, 1951. | Duration: | 8 hours |
| | Static water level: | 28 feet |
| | Drawdown: | 14 feet |
| | Yield: | 150 gpm |

N-3800. (C-5) Food Fair Stores, Inc., north of Seabury Avenue and west of Dogwood Avenue, Franklin Square. Drilled by C. W. Lauman & Co., September 25, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Medium coarse sand | 45 | 54 |
| White beach sand | 2 | 56 |
| White beach sand and white clay mix | 3 | 59 |

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 56 feet.

Pumping test:

| | | |
|---------------------|---------------------------|---------|
| September 21, 1951. | Duration: | 4 hours |
| | Static water level: | 16 feet |
| | Drawdown: | 16 feet |
| | Yield: | 160 gpm |

N-3801. (D-5) Food Fair Stores, Inc., north of Cedar Drive and west of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., September 21, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Coarse sand and gravel | 20 | 29 |
| Yellow sandy clay | 16 | 45 |
| Gray clay | 35 | 80 |
| Yellow sandy clay | 74 | 154 |
| Yellow clay | 13 | 167 |
| Coarse sand, heavy gravel | 18 | 185 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 185 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 21, 1951. Duration: | 4 hours |
| Static water level: | 60 feet |
| Drawdown: | 56 feet |
| Yield: | 175 gpm |

N-3802. (C-7) Department of Public Works, Nassau County Jail Farm, north of Long Island Railroad Central Extension and east of Carman Avenue, East Meadow. Drilled by Eastern Well & Pump Co., October 31, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 50 | 50 |
| Reddish brown sand, lumps red clay | 11 | 61 |
| Medium to fine brown sand | 10 | 71 |
| Medium to coarse brown sand, rice gravel | 6 | 77 |
| Medium to fine white sand | 12 | 89 |
| Medium brown sand | 25 | 114 |
| Solid clay | | below 114 |

Casing: 8 inches.

Screen: 25 feet of 6 inch with bottom at 112 feet.

Pumping test:

| | |
|----------------------------------|---------|
| October 6, 1951. Duration: | 8 hours |
| Static water level: | 86 feet |
| Drawdown: | 18 feet |
| Yield: | 200 gpm |

N-3812T. (B-5) Sutton-In-Lawrence, Meadow Road and Doughty Boulevard, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 29, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Fine sand, heavy gravel | 2 | 2 |
| Blue, gray, brown clay, clam shells | 1 | 3 |
| Sand, fine, blue and gray | 1 | 4 |
| Clay and sand, fine | 8 | 12 |
| Gray, sticky clay | 4 | 16 |
| Fine sand, grits and coarse gravel | 3 | 19 |
| Fine to coarse sand, grits, medium gravel | 3 | 22 |
| Fine to coarse brown sand | 4 | 26 |
| Fine to coarse brown sand, grits, gravel | 5 | 31 |
| Fine gray sand and gray clay | 8 | 39 |
| Fine gray sand, gravel and clay | 2 | 41 |

N-3812T. (*Continued*)

Casing: 4 inches.

Static water level: 3 feet

Note: This was a formation test hole.

N-3820. (C-5) Franklin Square Department Store, north of Hempstead Turnpike and west of New Hyde Park Road, Franklin Square. Drilled by C. W. Lauman & Co., Inc., November 23, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand and gravel | 21 | 24 |
| Dirty brown sand and grits..... | 7 | 31 |
| Coarse brown clean sand and grits | 7 | 38 |
| Coarse brown sand and gravel | 11 | 49 |
| Dark brown sand and gravel | 2 | 51 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 51 feet.

Pumping test:

October 5, 1951. Duration: 1 hour
Static water level: 25 feet
Drawdown: 4 feet
Yield: 45 gpm

N-3824. (B-8) H. C. Bohack Co., south of Merrick Road and east of Seaman Neck Road, Seaford. Drilled by Sweeney & Gray Co., Inc., October 8, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|--------------|---------------------|-----------------|
| Cellar | 10 | 10 |
| Sand | 30 | 40 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 40 feet.

Pumping test:

March 6, 1952. Duration: 4 hours
Static water level: 22 feet
Drawdown: 3 feet
Yield: 69 gpm

N-3826. (B-5) M. Kahn, Ocean Avenue and Tanglewood Crossing, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Medium coarse brown sand and gravel | 13 | 13 |
| Very fine brown sand | 14 | 27 |
| Coarse brown sand and grits | 6 | 33 |
| Coarse brown sand and gravel | 8 | 41 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 41 feet.

Pumping test:

October 31, 1951. Duration: 9 hours
Static water level: 13 feet
Drawdown: 7 feet
Yield: 66 gpm

N-3827. (D-5) George M. Butz, Shelter Rock Road and Northern State Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., December 24, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Pit | 5 | 5 |
| Sand, gravel, clay and boulders | 65 | 70 |
| Gray sand, gravel and clay | 7 | 77 |
| Brown sand and gravel less clay | 26 | 103 |
| Fine brown sand and clay | 14 | 117 |
| Fine brown sand, some clay | 5 | 122 |
| Fine reddish brown clayey sand | 12 | 134 |
| Fine white clayey sand | 10 | 144 |
| Tan fine clayey sand | 10 | 154 |
| Brown fine clayey sand | 10 | 164 |

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 164 feet.

Pumping test:

December 17, 1951. Duration: 2 hours
Static water level: 97 feet
Yield: 12 gpm

N-3830. (D-7) Mrs. Michael Gavin, south of Tappentown Road and west of Cedar Swamp Road, Jericho. Drilled by C. W. Lauman & Co., Inc., May 6, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand, gravel, large stones and some clay | 55 | 58 |
| Coarse brown sand, mica, some clay | 6 | 64 |
| Brown sandy clay, gravel, mica | 31 | 95 |
| Medium coarse brown sand, mica | 7 | 112 |
| Fine brown sand, mica, some brown clay | 14 | 126 |
| Medium coarse brown sand | 9 | 135 |
| Fine brown sand, clay, mica | 17 | 152 |
| Coarse brown sand, few grits | 38 | 190 |

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 190 feet.

Pumping test:

May 6, 1952. Duration: 1 hour
Static water level: 154 feet
Drawdown: 6 feet
Yield: 50 gpm

N-3831. (B-6) Sun Oil Co., south of Maple Court and west of Hampton Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., November 9, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Mud, dark, sandy | 18 | 18 |
| Sand and grits | 22 | 40 |
| Fine sand | 16 | 56 |
| Yellow sandy clay | 21 | 77 |
| Medium sand | 11 | 88 |

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 88 feet.

N-3831. (*Continued*)

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| November 7, 1951. | Duration: | 1 hour |
| | Static water level: | 3 feet |
| | Drawdown: | 2½ feet |
| | Yield: | 26 gpm |

N-3832. (C-6) Long Island Water Corporation, east of Pennsylvania Avenue and north of Whitehouse Avenue, Roosevelt. Drilled by C. W. Lauman & Co., Inc., December 4, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 10 | 10 |
| Coarse sand and gravel | 8 | 18 |
| Medium fine sand and gravel | 12 | 30 |
| Medium fine brown sand | 4 | 34 |
| Medium coarse brown sand and gravel | 4 | 38 |
| Brown sand and mica | 2 | 40 |
| Coarse sand and gravel | 2 | 42 |
| Sand and gravel, layers clay | 3 | 45 |
| Medium coarse brown sand | 10 | 55 |
| Coarse brown sand and gravel | 3 | 58 |
| Dark gray sandy clay, some gravel, lignite | 4 | 62 |
| Gray coarse sand and gravel, layers clay | 5 | 67 |
| Brown sand and gravel, lumps gray clay | 2 | 69 |
| Coarse brown sand and gravel | 5 | 74 |
| Medium coarse brown sand | 3 | 77 |
| Medium fine brown sand, pieces of gray clay | 13 | 90 |
| Fine brown sand, pyrite, lignite and hardpan | 1 | 91 |
| Medium fine brown sand | 4 | 95 |
| Gray sandy clay | 14 | 109 |

Casing: 12 inches.

Screen: 31½ feet of 12 inch with bottom at 95 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| November 26, 1951. | Duration: | 8 hours |
| | Static water level: | 16¾ feet |
| | Drawdown: | 53 feet |
| | Yield: | 780 gpm |

N-3833. (C-5) Bildner-Big Ben Corporation, north of Midway Court and east of Franklin Avenue, Valley Stream. Drilled by Eastern Well and Pump Co., November 11, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Cellar | 8 | 8 |
| Coarse brown sand | 28 | 36 |

Casing: 6 inch.

Screen: 5 feet of 4 inch, with bottom at 36 feet.

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| November 11, 1951. | Duration: | 3 hours |
| | Static water level: | 11 feet |
| | Drawdown: | 5 feet |
| | Yield: | 60 gpm |

N-3838. (D-7) Fairchild Camera & Instrument Corporation, Robbins Lane, Jericho. Drilled by Layne-New York Co., Inc., December 3, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 78 | 78 |
| Brown clay | 8 | 86 |
| Sand and gravel | 9 | 95 |
| Clay | 2 | 97 |
| Sand | 4 | 111 |
| Clay | 6 | 117 |
| Sand and clay | 12 | 129 |
| Sandy clay | 20 | 149 |
| Sand | 19 | 168 |

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 163 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| December 3, 1951. Duration: | 8 hours |
| Static water level: | 105 feet |
| Drawdown: | 17 feet |
| Yield: | 69 gpm |

N-3839. (B-6) Sinclair Oil Company, south of Maple Court and east of Hampton Road, Oceanside. Drilled by Mathies Well & Pump Co., Inc., December 6, 1951.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Coarse sand and gravel | 3 | 5 |
| Bog | 3 | 8 |
| Medium sand and gray clay | 12 | 20 |
| Coarse sand and gravel | 40 | 60 |
| Coarse sand, grits and yellow clay | 19 | 79 |
| Medium sand | 6 | 85 |
| Coarse sand and gravel | 5 | 90 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| December 6, 1951. Duration: | 2 hours |
| Static water level: | 3 feet |
| Drawdown: | 1½ feet |
| Yield: | 15 gpm |

N-3842. (C-7) George Wicks, north of Southern State Parkway and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., January 17, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Coarse brown sand and gravel | 13 | 15 |
| Coarse brown sand, much gravel | 24 | 39 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 39 feet.

Pumping test:

| | |
|-----------------------------------|--------|
| January 17, 1952. Duration: | 1 hour |
| Yield: | 31 gpm |

N-3853. (C-6) Milton Abeles, Inc., south of Second Street and east of Roslyn Road, Mineola. Drilled by Eastern Well & Pump Co., February 11, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Coarse sand and light gravel | 15 | 19 |
| Coarse sand and heavy gravel | 40 | 59 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 58 feet.

Pumping test:

| | |
|------------------------------------|---------|
| February 11, 1952. Duration: | 2 hours |
| Static water level: | 38 feet |
| Yield: | 50 gpm |

N-3855. (B-5) Demco, Inc., south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., February 6, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand and grits | 4 | 7 |
| Fine brown sand, few grits | 33 | 40 |
| Coarse gray sand and gravel | 2 | 42 |
| Greenish clay | | below 42 |

Casing: 10 inches.

Screen: 20 feet of 8 inch with bottom at 42 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| February 6, 1952. Duration: | 3 hours |
| Static water level: | 3½ feet |
| Drawdown: | 14½ feet |
| Yield: | 250 gpm |

N-3859. (C-7) Servomechanisms, Inc., south of Stewart Avenue and west of Post Avenue, Westbury. Drilled by Watson & Hazel, July 8, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Sand and gravel | 32 | 32 |
| Fine sand | 33 | 65 |
| Fine sand and gray clay | 5 | 70 |
| Brown sand and clay | 80 | 150 |
| Gray sand and clay | 11 | 161 |
| Brown sand | 6 | 167 |
| Medium, brown sand | 5 | 172 |
| Light gray silt | 8 | 180 |
| Black clay | 4 | 184 |
| Fine brown sand and clay | 28 | 212 |
| Fine gray sand | 12 | 223 |
| Brown medium sand | 57 | 280 |

Casing: 8 inches.

Screen: 20 feet of 7½ inch with bottom at 279 feet.

Pumping test:

| | |
|-------------------------------|---------|
| July 8, 1952. Duration: | 8 hours |
| Static water level: | 3 feet |
| Drawdown: | 77 feet |
| Yield: | 200 gpm |

N-3860. (D-7) Fairchild Camera & Instrument Corporation, south of Robbins Lane and east of Jericho Turnpike, Jericho. Drilled by Layne-New York Co., Inc.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Gravel and boulders | 30 | 30 |
| Heavy gravel | 30 | 60 |
| Sand, gravel and clay | 60 | 120 |
| Clay, sand and gravel | 65 | 185 |
| Sand, gravel and clay | 27 | 212 |
| Clay | 10 | 222 |
| Hard packed sand | 32 | 254 |
| Gravel and clay | 13 | 267 |
| Clay and sand | 25 | 292 |
| Fine gray sand | 40 | 332 |
| Tough clay | 4 | 336 |
| Sand and some clay | 30 | 366 |
| Clean sand | 22 | 388 |
| Sand and gravel | 68 | 450 |
| Clay and gravel | 22 | 472 |

Casing: 16 inches.

Screen: 40 feet of 10 inch with bottom at 440 feet.

Pumping test:

| | |
|---------------------------------|----------|
| March 23, 1952. Duration: | 8 hours |
| Static water level: | 110 feet |
| Drawdown: | 26 feet |
| Yield: | 1140 gpm |

N-3861. (B-5) United State Geological Survey—Well No. 1, north of Peninsula Boulevard and west of Arlington Avenue, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., April 1, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Coarse brown sand, grit and gravel | 3 | 4 |
| Swamp mud | 2 | 6 |
| Fine brown sand and mica | 8 | 14 |
| Coarse brown sand, grit and gravel | 20 | 34 |
| Layers of solid gray clay and fine gray sandy clay | 8 | 42 |
| Medium fine brown sand | 24 | 66 |
| Solid gray and brown clay | 6 | 72 |
| Medium coarse brown sand and grit | 5 | 77 |
| Layers of fine brown sand and sandy clay | 15 | 92 |
| Layers of solid gray clay and sandy clay | 7 | 99 |
| Fine green sandy clay | 8 | 107 |
| Layers of fine black sandy clay and solid clay | 17 | 124 |
| Solid gray clay | 14 | 138 |
| Coarse gray sand, grit and gravel | 107 | 245 |
| Medium coarse brown sand and some lignite | 153 | 398 |
| Medium coarse brown sand, layers of solid and sandy clay | 22 | 420 |
| Medium coarse gray sand, grit and some gravel | 28 | 448 |
| Fine gray sandy clay | 6 | 454 |
| Medium coarse gray sand, grit and some clay | 21 | 475 |
| Fine gray sandy clay | 22 | 497 |
| Medium coarse gray sand and some grit | 42 | 539 |
| Layers of coarse light gray sand, some gravel, sandy clay and solid clay | 30 | 569 |
| Solid white clay | 14 | 583 |

N-3861. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Fine white sandy clay and layers of white sand | 26 | 609 |
| Hard multi-color solid clay and some lignite | 12 | 621 |
| Casing: 6 inches. | | |
| Screen: 11 feet of 4 inch with botttom at 533 feet. | | |
| Pumping test: | | |
| April 1, 1952. Duration: | 2 | hours |
| Static water level: | 15 $\frac{3}{4}$ | feet |
| Drawdown: | 11 | feet |
| Yield: | 100 | gpm |

N-3862. (B-5) United States Geological Survey—Well No. 2, north of Doughty Boulevard and east of W. Meadow Causeway, Lawrence. Drilled by C. W. Lauman & Co., Inc., April 21, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Fine gray sandy clay | 6 | 7 |
| Solid gray clay | 11 | 18 |
| Coarse brown sand, grit and gravel | 7 | 25 |
| Fine brown sand | 18 | 43 |
| Medium fine gray sand and layers of clay | 23 | 66 |
| Fine brown sand | 16 | 82 |
| Medium coarse brown sand and some grit | 10 | 92 |
| Medium coarse dark gray sand | 27 | 119 |
| Solid gray clay | 11 | 130 |
| Fine gray sand, layers of sandy and solid clay | 23 | 153 |
| Coarse gray sand, grit, gravel and layers of sandy clay | 8 | 161 |
| Medium fine gray sand and layers of sandy clay | 30 | 191 |
| Gray sandy clay, layers of solid clay and pyrite | 18 | 209 |
| Medium fine gray sand | 15 | 224 |
| Hard solid gray clay and layers of lignite | 35 | 259 |
| Fine gray sand | 9 | 268 |
| Fine gray sandy clay | 21 | 289 |
| Medium fine dark gray sand | 17 | 306 |
| Fine gray sand, some clay, mica and lignite | 26 | 332 |
| Fine gray sandy clay | 68 | 400 |
| Fine gray sand and some clay | 14 | 414 |
| Fine gray sandy clay, some mica | 21 | 435 |
| Medium fine gray sand | 9 | 444 |
| Fine gray sandy clay, layers of lignite and solid clay | 21 | 465 |
| Solid gray clay | 17 | 482 |
| Medium gray sand, some clay | 6 | 488 |
| Solid gray clay | 4 | 492 |
| Gray sandy clay, lignite, streaks of solid clay | 15 | 507 |
| Medium gray sand, mica | 11 | 518 |
| Gray sandy clay, mica | 23 | 541 |
| Solid gray clay, lignite | 7 | 548 |
| Solid gray clay, layers of sandy clay | 14 | 562 |
| Medium fine gray sand | 6 | 568 |
| Solid gray clay | 41 | 609 |
| Solid white clay | 10 | 619 |
| Fine white sandy clay | 34 | 653 |
| Solid black clay and pyrite | 40 | 693 |
| Fine gray sandy clay, mica and lignite | 15 | 708 |
| Medium coarse gray sand and some clay | 8 | 716 |

(*Continued on next page*)

N-3862. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Gray sandy clay, mica | 6 | 722 |
| Solid gray clay, streaks of sandy clay | 6 | 728 |
| Solid dark gray clay | 8 | 736 |
| Fine gray sandy clay and mica | 23 | 759 |
| Gray silty clay | 5 | 764 |
| Solid black clay, streaks of sandy clay | 4 | 768 |
| Solid hard black clay | 26 | 794 |

Casing: 6 inch.

Screen: 10 $\frac{3}{4}$ feet of 4 inch with bottom at 307 feet.

Pumping test:

| | | |
|---------------------------------|------------------|-------|
| April 21, 1952. Duration: | 6 | hours |
| Static water level: | 4 | feet |
| Drawdown: | 19 $\frac{1}{2}$ | feet |
| Yield: | 100 | gpm |

N-3864. (B-5) United States Geological Survey—Well No. 4, north of Peninsula Boulevard and west of Mill Road, South Valley Stream. Drilled by C. W. Lauman & Co., Inc., May 5, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------|---------------------|-----------------|
| Muck and clay | 2 | 2 |
| Coarse brown sand and grit | 22 | 24 |
| Solid gray clay | 18 | 42 |
| Coarse brown sand, grit and gravel | 6 | 48 |
| Fine gray sandy clay | 5 | 53 |
| Medium coarse brown sand, grit and gravel | 16 | 69 |
| Solid gray clay | 39 | 108 |
| Fine gray sandy clay | 10 | 118 |
| Solid gray clay | 20 | 138 |
| Coarse gray sand, grit, mica and lignite, some clay | 5 | 143 |
| Coarse brown sand, mica | 16 | 159 |
| Coarse brown sand, grits, gravel and some clay | 18 | 177 |
| Coarse brown sandy clay and grits | 7 | 184 |
| Coarse brown sand, grit and gravel | 13 | 197 |
| Small grit with streaks of clay | 41 | 238 |
| Fine gray sandy clay and mica | 14 | 252 |
| Fine gray sandy clay, layers of lignite and clay | 65 | 317 |
| Fine gray sand, mica, some clay | 9 | 326 |
| Medium gray sand, mica | 13 | 339 |
| Layers of medium coarse gray sand, fine gray sand and some lignite | 26 | 365 |
| Layers of solid clay and medium coarse gray sand | 13 | 378 |
| Fine gray sandy clay | 18 | 396 |
| Medium gray sand with layers of solid clay | 27 | 423 |
| Medium gray sand | 14 | 437 |
| Medium coarse gray sand, few grits | 7 | 444 |
| Fine gray sand, mica, layers of clay and lignite | 14 | 458 |
| Medium fine gray sand, mica | 19 | 477 |
| Solid hard gray and red clay | 42 | 519 |
| Fine gray sand, some clay and streaks of solid clay | 32 | 551 |
| Coarse gray sand, grit, gravel and some clay | 29 | 580 |
| Solid hard gray clay and some lignite | 54 | 634 |

Casing: 6 inches.

Screen: 11 $\frac{1}{3}$ feet of 4 inch with bottom at 474 $\frac{2}{3}$ feet.

N-3864. (*Continued*)

Pumping test:
May 5, 1952. Duration: 5 hours
Static water level: 2½ feet
Drawdown: 25 feet
Yield: 20 gpm

N-3865. (B-6) United States Geological Survey—Well No. 5, south of Mott Street and west of Long Beach Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., October 21, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Bog | 15 | 20 |
| Coarse brown sand | 13 | 33 |
| Gray clay | 17 | 50 |
| Coarse brown sand | 10 | 60 |
| Gray sandy clay, grits | 8 | 68 |
| Solid gray clay | 17 | 85 |
| Medium gray sand | 7 | 92 |
| Fine gray sand and layers of lignite | 6 | 98 |
| Fine gray sand with gray clay | 6 | 104 |
| Medium coarse brown sand | 6 | 110 |
| Layers of fine gray sand and sandy clay | 9 | 119 |
| Medium fine gray sand | 11 | 130 |
| Fine gray sandy clay and lignite | 7 | 137 |
| Fine gray sand and layers of sandy clay | 39 | 176 |
| Fine gray sand | 15 | 191 |
| Layers of solid clay and fine gray sand | 35 | 226 |
| Fine gray sand | 19 | 245 |
| Layers of solid clay, sandy clay and lignite | 24 | 269 |
| Fine gray sand | 27 | 296 |
| Solid hard black clay | 12 | 308 |
| Layers of gray clay and solid clay | 11 | 319 |
| Fine gray sand, some clay and mica | 14 | 334 |
| Solid black clay and lignite | 15 | 349 |
| Medium fine gray sand, some clay and lignite | 9 | 358 |
| Gray sandy clay, mica, layers of lignite and pyrite | 24 | 382 |
| Medium gray sand, mica, some clay, lignite | 26 | 408 |
| Gray sandy clay, mica, pyrite | 15 | 423 |
| Medium fine gray sand, layers of clay and lignite | 33 | 456 |
| Fine gray sandy clay, streaks of sand, lignite and pyrite | 86 | 542 |
| Medium fine gray sand | 34 | 574 |
| Hard gray clay | 17 | 591 |
| Fine gray sandy clay | 6 | 597 |
| Fine gray sand, mica, layers of solid clay | 30 | 627 |
| Coarse gray sand, traces of clay | 11 | 638 |
| Hard gray clay | 8 | 646 |
| Gray sandy clay | 12 | 658 |
| Coarse gray sand, grits, some clay, lignite | 9 | 667 |
| Hard gray clay | 12 | 679 |
| Gray sandy clay, lignite | 10 | 689 |
| Coarse gray sand | 6 | 695 |
| Fine gray sand, some clay | 10 | 705 |
| Medium coarse gray sand and grit | 7 | 712 |
| Fine gray sand, some clay | 28 | 740 |
| Hard gray clay | 15 | 755 |
| Layers of gray sandy clay, sand, lignite and clay | 31 | 786 |

(Continued on next page)

N-3865. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Hard multi-color clay | 7 | 793 |
| Gray sandy clay, layers of solid clay | 47 | 840 |
| Solid gray clay and sandy clay | 9 | 849 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 4 inch with bottom at 564½ feet. | | |
| Pumping test: | | |
| October 20, 1952. Duration: | 24 | hours |
| Static water level: | 4 | feet |
| Drawdown: | 100 | feet |
| Yield: | 100½ | gpm |

N-3866. (B-5) United States Geological Survey—Well No. 6, north of Piermont Avenue and east of Meadowview Avenue, Hewlett Bay Park. Drilled by C. W. Lauman & Co., Inc., October 15, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Brown clay and gravel | 3 | 4 |
| Coarse brown sand and grit | 11 | 15 |
| Solid gray clay | 22 | 37 |
| Fine gray clay | 47 | 84 |
| Coarse brown sand, grit and some clay | 11 | 95 |
| Solid gray clay | 42 | 137 |
| Medium coarse brown sand | 6 | 143 |
| Coarse brown sand | 44 | 187 |
| Gray sandy clay, lignite, layers of solid clay | 30 | 217 |
| Solid gray clay | 11 | 228 |
| Fine gray sandy clay and layers of lignite | 13 | 241 |
| Very fine gray sand, mica and some clay | 61 | 302 |
| Fine gray sandy clay, layers of solid clay | 45 | 347 |
| Fine gray sand, some clay, streaks of solid clay | 27 | 374 |
| Solid gray clay | 12 | 386 |
| Medium fine gray sand | 26 | 412 |
| Solid gray clay, layers of pyrite and solid clay | 12 | 424 |
| Medium fine gray sand, some clay and streaks of solid clay | 7 | 431 |
| Fine gray sandy clay and layers of lignite | 11 | 442 |
| Medium fine gray sand, some clay and streaks of clay | 6 | 448 |
| Solid gray clay, streaks of lignite and pyrite | 3 | 451 |

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 411½ feet.

Pumping test:

| | | |
|-----------------------------------|-----|-------|
| October 14, 1952. Duration: | 24 | hours |
| Static water level: | 2½ | feet |
| Drawdown: | 30 | feet |
| Yield: | 114 | gpm |

N-3867. (B-5) United States Geological Survey—Well No. 7, north of Riverdale Road and west of Brook Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., December 12, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand, grit | 33 | 36 |
| Coarse gray sand, grit, gravel and lumps of clay | 21 | 57 |
| Fine gray sandy clay | 27 | 84 |

N-3867. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Medium fine gray sand | 23 | 107 |
| Coarse gray sand and grit | 43 | 150 |
| Gray sandy clay, mica, layers of solid clay | 21 | 171 |
| Medium fine gray sand, mica and layers of lignite | 11 | 182 |
| Solid dark gray clay, layers of lignite and pyrite | 5 | 187 |
| Fine gray sandy clay, mica, layers of lignite, pyrite and solid clay | 18 | 205 |
| Fine gray sandy clay, mica, layers of solid clay | 39 | 244 |
| Medium gray sand, mica, some clay, layers of lignite | 13 | 257 |
| Gray sandy clay, layers of solid clay | 10 | 267 |
| Fine gray sand, mica, some clay | 5 | 272 |
| Solid hard gray clay | 15 | 287 |
| Gray sandy clay, layers of lignite and solid clay | 15 | 302 |
| Fine gray sand, mica, some clay | 10 | 312 |
| Medium gray sand, mica, small amount of clay | 18 | 330 |
| Gray sandy clay, layers of solid clay and lignite | 15 | 345 |
| Fine gray sand, mica, some clay | 7 | 352 |
| Medium fine gray sand | 9 | 361 |
| Medium coarse gray sand | 7 | 368 |
| Fine gray sand, streaks of sandy clay, lignite and pyrite | 15 | 383 |
| Fine gray sand, some clay and mica | 12 | 395 |
| Layers of fine gray sand and sandy clay | 14 | 409 |
| Fine gray sandy clay | 19 | 428 |
| Medium fine gray sand (some clay) | 13 | 441 |
| Medium coarse gray sand | 6 | 447 |
| Layers of fine gray sand and sandy clay | 22 | 469 |
| Layers of medium fine gray sand, some clay and solid clay | 20 | 489 |
| Medium fine gray sand | 16 | 505 |
| Coarse gray sand, grits, gravel, some clay | 14 | 519 |
| Fine gray sand | 5 | 524 |
| Coarse light gray sandy clay, streaks of solid clay | 5 | 529 |
| Fine gray sand, some clay | 3 | 532 |
| Solid hard light gray clay | 12 | 544 |
| Fine gray sand, mica | 3 | 547 |
| Solid hard light gray clay and layers of medium coarse gray sand | 2 | 549 |

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 517 feet.

Pumping test:

| | | |
|------------------------------------|-----------------|-------|
| December 10, 1952. Duration: | 26 | hours |
| Static water level: | 1 | foot |
| Drawdown: | 9 | feet |
| Yield: | $83\frac{1}{2}$ | gpm |

N-3868. (C-7) Wantagh Fire District, south of Gray Lane and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 21, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Top soil and loam | 2 | 2 |
| Sand and gravel | 41 | 43 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 44 feet.

Pumping test:

| | | |
|---------------------------------|-------|-------|
| March 21, 1952. Duration: | 10 | hours |
| Static water level: | 13 | feet |
| Drawdown: | 12 | feet |
| Yield: | 250 | gpm |

N-3870. (C-7) Wantagh Fire District, north of Sprucewood Drive and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 3, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Sand and gravel | 41 | 43 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at $44\frac{1}{3}$ feet.

Pumping test:

| | |
|--------------------------------|---------|
| March 3, 1952. Duration: | 1 hour |
| Static water level: | 13 feet |
| Drawdown: | 13 feet |
| Yield: | 290 gpm |

N-3871. (C-7) Wantagh Fire District, north of Old Jerusalem Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 4, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 43 | 43 |

Casing: 6 inches.

Screen: $21\frac{1}{2}$ feet of 6 inch with bottom at 44 feet.

Pumping test:

| | |
|--------------------------------|----------------------|
| March 4, 1952. Duration: | 1 hour |
| Static water level: | $6\frac{1}{4}$ feet |
| Drawdown: | $16\frac{1}{4}$ feet |
| Yield: | 420 gpm |

N-3875. (B-6) Homelike Laundry, north of Atlantic Avenue and west of Scranton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., March 11, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Coarse brown sand and gravel | 8 | 14 |
| Fine beach sand | 9 | 23 |
| Coarse brown sand and gravel | 6 | 29 |
| Medium fine gray sand, lumps clay | 8 | 37 |
| Medium coarse brown sand | 5 | 42 |
| Medium coarse brown sand and gravel | 11 | 53 |
| Medium coarse brown sand | 3 | 56 |
| Coarse brown sand and gravel | 10 | 66 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

| | |
|------------------------------------|---------------------|
| February 11, 1952. Duration: | 3 hours |
| Static water level: | $6\frac{1}{2}$ feet |
| Drawdown: | 8 feet |
| Yield: | 100 gpm |

N-3876. (C-8) Bethpage Water District, north of Park Lane and west of Rose Street, Bethpage. Drilled by C. W. Lauman & Co., Inc., March 20, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Loam | 4 | 4 |
| Coarse brown sand, grit, gravel and lumps of clay | 7 | 11 |
| Coarse brown sand, grit and gravel | 33 | 44 |
| Medium coarse brown sand and lumps of clay | 11 | 55 |
| Multi-color sandy clay | 7 | 62 |
| Fine brown sand and some clay | 17 | 79 |
| Medium coarse brown sand and some clay | 21 | 100 |
| Fine gray sandy clay | 10 | 110 |
| Solid dark gray clay | 14 | 124 |
| Medium coarse brown sand | 16 | 140 |
| Fine gray sandy clay and layers of solid clay | 23 | 163 |
| Fine gray sand | 10 | 173 |
| Layers of fine gray sandy clay and multi-color clay | 66 | 239 |
| Medium fine gray sand | 9 | 248 |
| Fine brown sand, some clay and mica | 11 | 259 |
| Fine brown sandy clay | 23 | 282 |
| Medium fine brown sand, some clay | 11 | 291 |
| Fine brown sandy clay | 10 | 301 |
| Medium fine brown sand | 15 | 316 |
| Fine brown sandy clay | 10 | 326 |
| Layers of fine brown sand and sandy clay | 9 | 335 |
| Medium fine brown sand | 48 | 383 |
| Fine gray sand and some clay | 14 | 397 |
| Layers of fine gray sand and sandy clay | 11 | 408 |

Casing: 16 inches.

Scren: 57½ feet of 12 inch with bottom at 385 feet.

Pumping test:

| | |
|---------------------------------|----------|
| March 20, 1952. Duration: | 8 hours |
| Static water level: | 35 feet |
| Drawdown: | 48 feet |
| Yield: | 1500 gpm |

N-3877T. (D-7) Hicksville Water District—south of Northern State Parkway and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 13, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam | 1 | 2 |
| Coarse brown sand, grits and gravel | 43 | 45 |
| Medium coarse brown sand, grits and lumps of clay | 42 | 87 |
| Medium fine brown sand | 62 | 149 |
| Fine brown sandy clay | 20 | 169 |
| Layers of solid brown clay and sandy clay | 16 | 185 |
| Medium fine brown sand and some clay | 31 | 216 |
| Layers of fine brown sandy clay and solid clay | 16 | 232 |
| Layers of fine gray sandy clay and solid clay | 16 | 248 |
| Solid gray clay | 22 | 270 |
| Fine gray sandy clay | 51 | 321 |
| Fine brown sand (some clay) | 17 | 338 |
| Layers of fine gray sand and solid clay | 11 | 349 |
| Coarse brown sand and clay | 6 | 355 |
| Fine gray sandy clay | 16 | 371 |

(Continued on next page)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Solid gray clay and sandy clay | 6 | 377 |
| Coarse brown sand and some clay | 11 | 388 |
| Fine gray sand and some clay | 9 | 397 |
| Medium fine gray sand | 10 | 407 |
| Coarse brown sand, some clay | 8 | 415 |
| Solid brown clay | 3 | 418 |
| Medium fine gray sand, some clay | 47 | 465 |
| Solid brown clay | 9 | 474 |
| Medium fine gray sand, some clay | 22 | 496 |
| Solid gray clay | 5 | 501 |
| Fine gray sand, some clay and gravel | 3 | 504 |
| Fine gray sand and some clay | 10 | 514 |
| Coarse gray sand, grit and some clay | 4 | 518 |
| Fine gray sandy clay | 6 | 524 |
| Fine gray sand and some clay | 8 | 532 |
| Coarse gray sand, grit, gravel and clay | 23 | 555 |

Casing: 5 $\frac{7}{8}$ inches.

Note: Rotary test hole.

N-3878T. (D-7) Hicksville Water District, south of Nevada Street and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 26, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 4 | 6 |
| Coarse brown sand, grit and gravel | 80 | 86 |
| Medium coarse brown sand, grit and lumps of clay | 52 | 138 |
| Medium fine brown sand | 17 | 155 |
| Fine gray sand and some clay | 11 | 166 |
| Fine gray sandy clay and layers of hard pan | 15 | 181 |
| Fine brown sand and some clay | 37 | 218 |
| Layers of fine gray sandy clay and solid clay | 16 | 234 |
| Fine gray sand and some clay | 34 | 268 |
| Fine gray sandy clay | 40 | 308 |
| Fine brown sand and some clay | 24 | 332 |
| Fine gray sandy clay | 5 | 337 |
| Solid brown clay | 11 | 348 |
| Fine brown sand | 4 | 352 |
| Fine gray sandy clay | 28 | 380 |
| Fine brown sand and some clay | 48 | 428 |
| Fine brown sandy clay and layers of hardpan | 21 | 449 |
| Fine red sand and some clay | 8 | 457 |
| Fine gray sandy clay | 20 | 477 |
| Fine brown sand and some clay | 8 | 485 |
| Layers of gray sandy clay and solid clay | 41 | 526 |
| Layers of solid gray clay, sandy clay, grit and gravel | 29 | 555 |
| Layers of solid gray clay and sandy clay | 24 | 579 |
| Medium coarse brown sand and grit | 6 | 585 |
| Solid brown clay | 22 | 607 |

Casing: 5 $\frac{7}{8}$ inches.

Note: Rotary test hole.

N-3879. (B-8) Alfred Imperatti, west of Shore Road and north of Merrick Road, Massapequa. Drilled by Fred Habenicht & Sons, February 16, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Sand | 7 | 7 |
| Black muck | 7 | 14 |
| Gray dirty clay and fine sand | 55 | 69 |
| Gray-white clay mixture | 78 | 147 |
| Very fine dirty sand | 42 | 189 |
| Gray dirty sand | 19 | 208 |

Casing: 4 inches.

Screen: 6 feet of $3\frac{5}{8}$ inch with bottom at 209 feet.

Pumping test:

| | |
|------------------------------------|---------|
| February 14, 1952. Duration: | 3 hours |
| Static water level: | 3 feet |
| Drawdown: | 15 feet |
| Yield: | 12 gpm |

N-3881. (C-5) Incorporated Village of Garden City, south of Long Island Railroad and west of Edgemere Road, Garden City. Drilled by Layne-New York Co., Inc., April 3, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Sand and gravel | 100 | 100 |
| Sand and clay streaks | 40 | 140 |
| Hard sandy clay | 43 | 183 |
| Tough clay | 12 | 195 |
| Sandy clay | 32 | 227 |
| Fine sand and clay | 23 | 250 |
| Sand, gravel and clay streaks | 34 | 284 |
| Clay and hard streaks of sand | 16 | 300 |
| Sand, clay and wood | 51 | 351 |
| Hard-packed sand and gravel | 54 | 405 |
| Clay and hard streaks | 17 | 422 |
| Sand and gravel | 49 | 471 |
| Clay and gravel | 24 | 495 |

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 466 feet.

Pumping test:

| | |
|--------------------------------|----------|
| April 3, 1953. Duration: | 8 hours |
| Static water level: | 26 feet |
| Drawdown: | 101 feet |
| Yield: | 1200 gpm |

N-3887. (D-6) Borden Company, north of Old Country Road and east of Glen Cove Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., April 25, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Dirty sand and gravel | 22 | 22 |
| Coarse sand and large gravel | 9 | 31 |
| Medium sand and gravel | 27 | 58 |
| Coarse sand and gravel | 4 | 62 |

Casing: 6 inches.

Screen: $11\frac{1}{2}$ feet of 6 inch with bottom at $63\frac{1}{2}$ feet.

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N-3887. (*Continued*)

Pumping test:
April 25, 1952. Duration: $3\frac{1}{2}$ hours
Static water level: 23 feet
Drawdown: 4 feet
Yield: 72 gpm

N-3892. (E-6) New York Water Service Corporation, south of Seaman Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 11, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------|---------------------|-----------------|
| Loam | 5 | 5 |
| Coarse brown sand, gravel and lumps of clay | 10 | 15 |
| Coarse brown sand, grit, large gravel and nigger heads..... | 70 | 85 |
| Coarse brown sand, grit, large gravel and lumps of clay | 34 | 119 |
| Medium fine brown sand, some grit | 54 | 173 |
| Solid brown clay | 15 | 188 |
| Medium fine brown sand | 6 | 194 |
| Solid multi-color clay | 31 | 225 |
| Medium fine brown sand | 23 | 248 |
| Solid multi-color clay | 8 | 256 |
| Fine white sand, some clay | 13 | 269 |
| Layers of solid gray clay and sandy clay | 39 | 308 |
| Fine gray sand and some clay | 8 | 316 |
| Solid multi-color clay | 13 | 329 |
| Solid gray clay, layers of lignite | 14 | 343 |
| Fine gray sandy clay | 6 | 349 |
| Fine multi-color sandy clay | 30 | 379 |
| Medium fine brown sand | 6 | 385 |
| Medium coarse brown sand, grit, some clay and streaks of clay | 51 | 436 |
| Layers of solid gray clay and sandy clay | 9 | 445 |

Upper { Casing: 16 inches.
Screen: $3\frac{1}{4}$ feet of 18 inch, bottom $172\frac{1}{2}$ feet.

Lower { Casing: 12 inches.
Screen: $21\frac{1}{2}$ feet of 12 inch with bottom at 246 feet.

Pumping test:
October 7, 1953. Static water level: 87 feet
Drawdown: 27 feet
Yield: 1100 gpm

N-3893. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse brown sand, gravel and grits | 87 | 89 |
| Clay, lignite, streak of sand | 6 | 95 |
| Medium fine brown sand | 55 | 150 |
| Fine sandy clay | | below 150 |

Casing: 16 inches.

Screen: 53 feet of $14\frac{1}{4}$ inch with bottom at 151 feet.

Pumping test:
March 31, 1952. Duration: 8 hours
Static water level: 18 feet
Drawdown: 40 feet
Yield: 1739 gpm

N-3894. (C-7) New York Water Service Corporation, south of John Street and west of Meadowbrook Road, North Merrick. Drilled by C. W. Lauman & Co., Inc., March 24, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Coarse sand, grits and gravel | 32 | 40 |
| Solid gray clay | 12 | 52 |
| Fine gray sand and some gravel | 10 | 62 |
| Fine to coarse gray sand | 9 | 71 |
| Fine to coarse gray sand and layers of clay | 5 | 76 |
| Fine gray sand, streaks of clay and mica | 9 | 85 |
| Fine to coarse sand, grits, streaks clay and lignite | 12 | 97 |
| Fine to medium gray sand | 4 | 101 |
| Layers of fine sand, sandy clay and solid clay | 1 | 102 |
| Fine gray sand, mica, streaks of clay | 4 | 106 |
| Fine to coarse sand, grits, some clay and lignite | 38 | 144 |
| Fine gray sand, lignite, pyrite and mica | 2 | 146 |
| Fine gray sand, lignite and mica | 8 | 154 |
| Solid gray clay, layers of gray sand | 3 | 157 |
| Fine gray sand, layers clay and lignite | 7 | 164 |
| Fine gray sand, mica and lignite | 12 | 176 |
| Fine gray sand, layers of clay | 10 | 186 |
| Fine gray sand, mica and lignite | 4 | 190 |
| Solid gray clay and lignite | 9 | 199 |
| Fine gray sand and lignite | 21 | 220 |
| Medium coarse gray sand | 2 | 222 |
| Layers of gray sand and clay | 8 | 230 |
| Gray sandy clay and pyrite | 5 | 235 |
| Fine gray sand, mica and lignite | 15 | 250 |
| Fine gray sand and mica | 10 | 260 |
| Fine gray sand, mica and clay | 16 | 276 |
| Fine gray sand, mica | 8 | 284 |
| Fine gray sand, mica, layers clay, lignite and pyrite | 2 | 286 |
| Solid gray clay layers, sand and lignite | 2 | 288 |
| Fine gray sand, mica, lignite, pyrite | 38 | 326 |
| Medium coarse gray sand and grits | 20 | 346 |
| Medium fine gray sand | 19 | 365 |
| Medium dark gray clay | 1 | 366 |

Casing: 16 inches.

Upper Screen: 26 $\frac{2}{3}$ feet of 18 inch with bottom at 147 feet.
Lower Screen: 49 feet of 12 inch with bottom at 361 feet.

Pumping test:

| | | |
|---------------------------------|-----------------|-------|
| March 23, 1953. Duration: | 3 | hours |
| Static water level: | 5 $\frac{2}{3}$ | feet |
| Drawdown: | 24 | feet |
| Yield: | 1641 | gpm |

N-3898. (D-7) Long Island Lighting Co., south of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 7, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Vault | 9 | 9 |
| Sand, gravel and stones | 67 | 76 |
| Yellow brown sand, grits and few gravel | 9 | 85 |
| Yellow fine and coarse sand, some grits | 25 | 110 |
| Brown fine to coarse sand and gravel | 28 | 138 |

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N-3898. (*Continued*)

Casing: 12 inches.

Screen: 21½ feet of 10 inch with bottom at 129 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 15, 1952. Duration: | 4 hours |
| Static water level: | 58 feet |
| Drawdown: | 25 feet |
| Yield: | 375 gpm |

N-3905. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., June 9, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Clay | 8 | 8 |
| Boulders and sand | 6 | 14 |
| Hardpan and boulders | 24 | 38 |
| Sand, gravel and boulders | 55 | 93 |
| Soft yellow clay | 12 | 105 |
| Sand and streaks of clay | 28 | 133 |
| Gray clay and sand streaks | 43 | 176 |
| Hard packed sand and clay | 11 | 187 |
| Sand and gravel | 6 | 193 |
| Tough clay | 13 | 206 |
| Coarse sand and gravel | 48 | 254 |
| Hard clay | 2 | 256 |
| Tough clay | 6 | 262 |

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 254 feet.

Pumping test:

| | |
|-------------------------------|----------|
| June 9, 1952. Duration: | 8 hours |
| Static water level: | 65 feet |
| Drawdown: | 36 feet |
| Yield: | 1056 gpm |

N-3906. (D-7) Linaco Building Corporation, north of Broadway and east of Swale Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 10, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Dark brown sand and gravel | 1 | 5 |
| Coarse brown sand and heavy gravel | 38 | 43 |
| Brown clay and sand | 26 | 69 |
| Fine brown sand | 3 | 72 |
| Coarse brown sand | 4 | 76 |

Casing: 4 inches.

Screen: 2 feet of 4 inch with bottom at 71 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 10, 1952. Duration: | 2 hours |
| Static water level: | 47 feet |
| Drawdown: | 3½ feet |
| Yield: | 18 gpm |

N-3907. (D-7) Linaeo Building Corporation, north of Prospect Avenue and east of Brooklyn Avenue, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 19, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Gray clay | 2 | 6 |
| Dark brown sand | 4 | 10 |
| Heavy gravel and coarse sand | 27 | 37 |
| Brown clay and coarse sand | 3 | 40 |
| Heavy gravel and coarse sand | 2 | 42 |
| Brown and white clay | 30 | 72 |
| Fine brown sand and white clay | 24 | 96 |
| Medium sand and few grits | 4 | 100 |

Casing: 4 inches.

Screen: 2 feet of 3¾ inch with bottom at 96 feet.

Pumping test:

April 19, 1952. Duration: 2 hours
Static water level: 54 feet
Drawdown: 4 feet
Yield: 22 gpm

N-3912. (E-5) Eagle Construction Co., north of Astors Lane and east of Port Washington Boulevard, Sands Point. Drilled by Mathies Well & Pump Co., Inc., May 29, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Sandy loam, gravel and boulders | 5 | 5 |
| Coarse sand, gravel and small boulders | 20 | 25 |
| Coarse sand, gravel and large stones | 10 | 35 |
| Coarse sand and gravel | 42 | 77 |
| Coarse brown sand and few grits | 23 | 100 |
| Coarse brown sand and gravel | 5 | 105 |

Casing: 6 inches.

Screen: 3 feet of 3¾ inch with bottom at 104 feet.

Pumping test:

April 30, 1952. Duration: 2 hours
Static water level: 75 feet
Drawdown: 6½ feet
Yield: 30 gpm

N-3913. (B-5) S. Manuel Pearl, south of Neptune Avenue and west of Woodmere Boulevard, Woodmere. Drilled by E. K. Hutchinson & Son, October 29, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Sand and gravel | 40 | 40 |
| Clay | 15 | 55 |
| Sand, gravel, water | 21 | 76 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 76 feet.

Pumping test:

July 30, 1952. Duration: 4 hours
Static water level: 6 feet
Drawdown: 14 feet
Yield: 150 gpm

N-3918. (B-8) Wantagh Fire District, south of Naomi Street and east of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 21, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Medium coarse brown sand and grits | 7 | 7 |
| Black muck | 11 | 18 |
| Medium coarse white sand and grits | 19 | 37 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 39 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 15, 1952. Duration: | 2 hours |
| Static water level: | 7 feet |
| Drawdown: | 12 feet |
| Yield: | 260 gpm |

N-3919. (B-8) Wantagh Fire District, east of Island Channel Road and south of Bayview Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 12, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Black muck | 3 | 3 |
| Brown sandy clay and grits | 3 | 6 |
| Coarse brown sand and grits | 30 | 36 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 38½ feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 12, 1952. Duration: | 2 hours |
| Static water level: | 5 feet |
| Drawdown: | 11 feet |
| Yield: | 250 gpm |

N-3923T. (C-8) Liberty Products Corporation, north of Motor Avenue and east of Woodward Parkway, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 29, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Clay, sand and gravel | 4 | 5 |
| Coarse brown sand, grits, gravel | 80 | 85 |
| Coarse brown sand, grits, gravel, lumps of clay | 27 | 112 |
| Multi-colored sandy clay | 13 | 125 |
| Medium fine brown sand, some clay | 51 | 176 |
| Fine gray sandy clay and layers of solid clay | 7 | 183 |
| Medium fine gray sand | 3 | 186 |
| Solid multi-colored clay | 5 | 191 |
| Medium fine brown sand, some clay | 31 | 222 |
| Layers of solid clay, gray and sandy clay | 3 | 225 |
| Medium fine gray sand | 21 | 246 |
| Gray sandy clay | 2 | 248 |
| Brown and gray sandy clay, layers of solid clay | 8 | 256 |
| Medium coarse brown sand | 12 | 268 |
| Medium brown sand and streaks of sandy clay | 3 | 271 |
| Solid gray clay, layers of sandy clay | 11 | 282 |
| Solid gray clay, layers of lignite | 15 | 297 |
| Solid hard gray clay | 18 | 315 |

Casing: 5¾ inches.

Note: Formation test hole only.

N-3925. (D-7) Coca Cola Bottling Co., south of Cantiague Road and east of Brush Hollow Road, Jericho. Drilled by C. W. Lauman & Co., Inc., August 18, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel, boulders and clay | 6 | 6 |
| Coarse brown sand, gravel and large stones | 61 | 67 |
| Coarse brown sand, gravel and hardpan | 3 | 70 |
| Medium coarse brown sand, mica and lumps of brown clay | 18 | 88 |
| Medium fine brown sand, mica and small amount of brown clay | 6 | 94 |
| Medium coarse brown sand | 22 | 116 |
| Coarse brown sand, grits and gravel | 18 | 134 |
| Coarse brown sand | 10 | 144 |

Casing: 8 inches.

Screen: 21½ feet of 8 inch with bottom at 138 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 14, 1952. Duration: | 2½ hours |
| Static water level: | 63 feet |
| Yield:,..... | 300 gpm |

N-3926. (B-5) Woodmere Country Club, north of Grove Avenue and east of Broadway, Woodmere. Drilled by C. W. Lauman & Co., Inc., November 12, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Vault | 3 | 3 |
| Sand and gravel | 14 | 17 |
| Brown sand and gravel | 12 | 29 |
| Layers of reddish-brown clay, clayey brown sand, grits | 3 | 32 |
| Gray sandy clay | 3 | 35 |
| Gray sticky clay | 23 | 58 |
| Gray sand and gravel | 7 | 65 |
| Grayish-brown fine sand and grits | 4 | 69 |
| Gray sticky clay | 26 | 95 |
| Soft gray clay | 20 | 115 |

Casing: 10 inches.

Screen: 13 feet of 10 inch with bottom at 64 feet.

Pumping test:

| | |
|------------------------------|---------|
| July 7, 1952. Duration | 8 hours |
| Static water level: | 9 feet |
| Yield:,..... | 450 gpm |

N-3927. (D-5) Fred Schumacher, north of Marcus Avenue and east of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 2 | 2 |
| Brown clay and stones | 8 | 10 |
| Coarse brown sand, brown clay and stones | 35 | 45 |
| Coarse brown sand, heavy gravel and clay | 15 | 60 |
| Coarse brown sand and heavy gravel | 18 | 78 |
| Coarse, dark-brown sand, gravel and hardpan | 7 | 85 |
| Coarse, clean, brown sand and gravel | 8 | 93 |
| Fine brown sand and lumps brown clay | 3 | 96 |

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N-3927. (*Continued*)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Pumping test:

| | |
|-------------------------------|---------|
| July 8, 1952. Duration: | 1 hour |
| Static water level: | 56 feet |
| Drawdown: | 11 feet |
| Yield: | 150 gpm |

N-3930. (E-7) Acosta Nichols, south of Cove Neck Road and east of Oyster Bay Cove Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., June 10, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Marsh | 6 | 6 |
| Coarse muddy sand and gravel | 10 | 16 |
| Medium coarse brown sand and gravel | 8 | 24 |
| Soft gray clay | 146 | 170 |
| Hard gray clay | 15 | 185 |
| Medium coarse brown sand and gravel | 9 | 194 |

Casing: 6 inches.

Screen: 7½ feet of 4 inch with bottom at 194 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 10, 1952. Duration: | 1 hour |
| Static water level: | 4 feet |
| Drawdown: | 29 feet |
| Yield: | 30 gpm |

N-3934. (C-6) Village of Garden City, Clinton Road and Long Island Motor Parkway, Garden City. Drilled by Layne-New York Co., Inc., August 10, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Sand and gravel | 40 | 40 |
| Sand, gravel and clay | 32 | 72 |
| Clay and hard streaks | 68 | 140 |
| Sandy clay | 43 | 183 |
| Clay and sand streaks | 22 | 205 |
| Sand and clay streaks | 53 | 258 |
| Clay, sand and hard streaks | 26 | 284 |
| Sand and gravel | 41 | 325 |
| Clay, hard streaks | 43 | 368 |
| Sand and gravel | 52 | 420 |
| Clay | 5 | 425 |

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 417 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 10, 1953. Duration: | 8 hours |
| Static water level: | 21½ feet |
| Drawdown: | 44 feet |
| Yield: | 1400 gpm |

N-3937. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., November 13, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand, some grits and gravel | 40 | 43 |
| Coarse brown sand and lumps of gray clay | 11 | 54 |
| Fine gray sandy clay | 7 | 61 |
| Solid gray and brown clay | 10 | 71 |
| Fine white sand, (some clay) | 11 | 82 |
| Fine brown sand, (some clay) | 20 | 102 |
| Layers of fine gray sand, sandy clay and solid clay | 42 | 144 |
| Fine gray sand, (some clay) | 28 | 172 |
| Fine gray sandy clay | 10 | 182 |
| Layers of fine gray sand, sandy clay, solid clay and lignite | 20 | 202 |
| Hard black clay and lignite | 19 | 221 |
| Fine gray sandy clay and layers of lignite | 16 | 237 |
| Hard gray clay | 19 | 256 |
| Fine gray sand, (some clay), layers of solid clay | 20 | 276 |
| Solid clay | 17 | 293 |
| Fine gray sand, streaks of clay and lignite | 27 | 320 |
| Fine gray sand, some lignite | 22 | 342 |
| Layers of gray sandy clay, fine sand and solid clay | 27 | 369 |
| Fine gray sand and layers of sandy clay | 15 | 384 |
| Fine gray sand, (some clay) | 9 | 393 |
| Solid gray clay and lignite | 3 | 396 |
| Fine gray sand, (some clay) | 14 | 410 |
| Medium fine gray sand | 13 | 423 |
| Solid gray clay and lignite | 8 | 431 |
| Fine gray sand, (some clay) | 37 | 468 |
| Solid gray clay and layers of sandy clay | 6 | 474 |
| Hard solid gray clay | 50 | 524 |
| Hard light gray solid clay | 13 | 537 |
| Coarse gray sand, grit, gravel and clay | 10 | 547 |
| Fine gray sand and layers of pyrite | 16 | 563 |
| Coarse gray sand, grit, gravel and clay | 6 | 569 |
| Layers of fine gray sand, sandy clay and solid clay | 48 | 617 |
| Hard dark gray clay | 10 | 627 |
| Fine gray sandy clay, layers of solid clay and lignite | 52 | 679 |
| Dark hard gray clay and layers of lignite | 24 | 703 |

Casing: 16 inches.

Screen: 73½ feet of 12 inch with bottom at 464½ feet.

Pumping test:

| | | |
|-------------------------------------|------|-------|
| September 18, 1952. Duration: | 4 | hours |
| Static water level: | 6½ | feet |
| Drawdown: | 27 | feet |
| Yield: | 1630 | gpm |

N-3939. (E-7) Hollis B. Shaw, south of Bayville Avenue and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 12, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Loam and small boulders | 5 | 5 |
| Medium sand and grits | 2 | 7 |
| Fine sand and brown clay | 5 | 12 |
| Brown clay | 18 | 30 |

(Continued on next page)

N-3939. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------|---------------------|-----------------|
| Brown clay and gravel | 18 | 48 |
| Brown clay, gravel, large stones and little clay | 21 | 69 |
| Heavy gravel and sand | 2 | 71 |
| Blue clay, sand and grits | 15 | 86 |
| Coarse white sand and gray clay | 1 | 87 |
| Gray clay and sand | 5 | 92 |
| Coarse white sand, gravel and large stones | 1 | 93 |
| Brown-gray clay, sand and gravel | 10 | 103 |
| Brown clay, sand and gravel | 3 | 106 |
| Coarse sand and gravel, lumps of brown clay and large stones | 4 | 110 |

Casing: 4 inches.

Screen: 2 feet of 3½ inch with bottom at 104 feet.

N-3941. (E-7) Livingston L. Short, south of Private Road and west of Cove Neck Road, Oyster Bay. Drilled by Watson & Hazel, June 16, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Fine brown sand | 4 | 4 |
| Fine sand and small stones | 6 | 10 |
| Fine brown sand | 11 | 21 |
| Clay and stones | 3 | 24 |
| Solid brown clay | 7 | 31 |
| Sand and gravel | 10 | 41 |
| Coarse gravel | 10 | 51 |
| Gravel and sand | 9 | 60 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 60 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 12, 1952. Duration: | 4 hours |
| Static water level: | 7 feet |
| Drawdown: | 3 feet |
| Yield: | 30 gpm |

N-3942. (E-8) T. Ashley Sparks, south of North Hempstead Turnpike and west of Berry Hill Road, Syosset. Drilled by Long Island Water Supply Co., Inc., August 2, 1951.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Coarse white sand | 345 | 345 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 347 feet.

Pumping test:

| | |
|---------------------------------|----------|
| August 1, 1951. Duration: | 8 hours |
| Static water level: | 210 feet |
| Yield: | 42 gpm |

N-3944. (D-6) Irvin Jalonack, north of Meadowbrook Lane and east of Hastings Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 22, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil and fill | 3 | 3 |
| Medium brown sand and gravel | 68 | 71 |

N-3944. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Brown sandy clay | 11 | 82 |
| Fine brown sand and streaks of clay | 20 | 102 |

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 102 feet.

N-3947. (B-8) Wantagh Fire District, north of Riverside Avenue and west of Seminole Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 30, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sod and top soil | 1 | 1 |
| Fine gray sand | 2 | 3 |
| Sand and muck and clay | 5 | 8 |
| Coarse sand and gravel | 26 | 34 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 34 feet.

Pumping test:

| | | |
|-------------------------------------|-----|------|
| September 30, 1952. Duration: | 1 | hour |
| Static water level: | 4½ | feet |
| Drawdown: | 12 | feet |
| Yield: | 300 | gpm |

N-3949. (B-7) Wantagh Fire District, north of Bay Place and west of Shore Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 17, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Sod and topsoil | 1 | 1 |
| Coarse sand | 3 | 4 |
| Gray clay and marsh mud | 8 | 12 |
| Coarse gray sand and gravel | 22 | 34 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 34 feet.

Pumping test:

| | | |
|-----------------------------------|-----|------|
| October 17, 1952. Duration: | 1 | hour |
| Static water level: | 5½ | feet |
| Drawdown: | 8 | feet |
| Yield: | 260 | gpm |

N-3950. (B-8) Wantagh Fire District, south of Nimrod Street and west of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 9, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sod and top soil | 1 | 1 |
| Gray sand | 3 | 4 |
| Marsh, muck and gray clay | 9 | 13 |
| Coarse sand | 22 | 35 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 35 feet.

Pumping test:

| | | |
|----------------------------------|-----|------|
| October 3, 1952. Duration: | 1 | hour |
| Static water level: | 6½ | feet |
| Drawdown: | 9½ | feet |
| Yield: | 275 | gpm |

N-3951. (B-8) Wantagh Fire District, south of Wyanet Street and west of Riverside Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 21, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 5 | 5 |
| Coarse brown sand, grits, gravel | 34 | 39 |
| Casing: 4 inches. | | |
| Screen: 16 feet of 4 inch with bottom at 39 feet. | | |
| Pumping test: | | |
| August 21, 1952. Duration: | 1 hour | |
| Static water level: | 8 feet | |
| Drawdown: | 9 feet | |
| Yield: | 290 gpm | |

N-3952. (B-8) Wantagh Fire District, northeast of Ocean Avenue near Island Creek, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sod and top soil | 1 | 1 |
| Gray sand | 3 | 4 |
| Mud and marsh sand | 8 | 12 |
| Coarse gray sand | 19 | 31 |
| Casing: 4 inches. | | |
| Screen: 16 feet of 4 inch with bottom at 30 feet. | | |
| Pumping test: | | |
| October 7, 1952. Duration: | 2 hours | |
| Static water level: | 4 feet | |
| Drawdown: | 9 feet | |
| Yield: | 280 gpm | |

N-3954. (D-5) North Shore Hospital, south of Northern Boulevard and east of Valley Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., August 28, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------------|---------------------|-----------------|
| Fine brown sand and gravel with streaks of clay | 10 | 10 |
| Sand and gravel imbedded in clay | 10 | 20 |
| Medium brown sand, grits and gravel | 13 | 33 |
| Medium brown sand with grits and gravel, cemented sand and streaks of clay | 11 | 44 |
| Boulders | 6 | 50 |
| Brown sand and grits | 9 | 59 |
| Grits and gravel | 11 | 70 |
| Medium brown sand and boulders | 3 | 73 |
| Boulders | 4 | 77 |
| Boulders and clay | 12 | 89 |
| Medium brown sand and streaks of white clay | 4 | 93 |
| Grits, gravel and boulders | 6 | 99 |
| Boulders and clay | 6 | 105 |
| Medium fine brown sand | 6 | 111 |
| Boulders, coarse sand and gravel | 6 | 117 |
| Boulders in gray clay | 7 | 124 |
| Gray clay | 1 | 125 |
| Boulders, sand and gravel | 2 | 127 |
| Fine brown sand | 1 | 128 |
| Medium brown sand, grits and large rock | 12 | 140 |

N-3954. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Fine brown sand, some clay | 4 | 144 |
| Medium fine brown sand, hardpan | 2 | 146 |
| Fine brown sand | 2 | 148 |
| Fine brown sandy clay | 1 | 149 |

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 145 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 21, 1952. Duration: | 8 hours |
| Static water level: | 36 feet |
| Drawdown: | 22 feet |
| Yield: | 320 gpm |

N-3964. (D-7) Metalab Equipment Corporation, north of Duffy Avenue and east of Combes Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., July 14, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 1 | 3 |
| Dirty, coarse sand and gravel | 1 | 4 |
| Coarse sand, gravel and large stones | 42 | 46 |
| Coarse sand and gravel | 41 | 87 |
| Medium sand and grits | 6 | 93 |
| Coarse sand and gravel | 11 | 104 |

Casing: 6 inches.

Screen: 10 feet of 3½ inch with bottom at 103 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 14, 1952. Duration: | 4 hours |
| Yield: | 100 gpm |

N-3976. (B-5) Joseph Engel, south of Green Place and west of Woodmere Boulevard, Woodmere Park. Drilled by S. J. Breen Co., Inc., September 22, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Dark clayish sand and gravel | 14 | 14 |
| Coarse brown sand and gravel | 13 | 27 |
| Dark gray clay | | below 27 |

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 26 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 22, 1952. Duration: | 2 hours |
| Static water level: | 5 feet |
| Drawdown: | 15 feet |
| Yield: | 35 gpm |

N-3977. (C-7) Mar-Lin Management Corporation, south of Gardiners Avenue and west of Roxbury Lane, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 21, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Coarse sand and gravel | 35 | 39 |

(Continued on next page)

N-3977. (*Continued*)

Casing: 4 inches.

Screen: 6 feet of 3 $\frac{3}{4}$ inch with bottom at 37 $\frac{1}{2}$ feet.

Pumping test:

| | | |
|--------------------------------|------------------|-------|
| July 21, 1952. Duration: | 4 | hours |
| Static water level: | 15 $\frac{3}{4}$ | feet |
| Drawdown: | 4 $\frac{1}{4}$ | feet |
| Yield: | 65 | gpm |

N-3979. (B-5) H. C. Bohack Co., Inc., Central Avenue and Cedarhurst Avenue, Cedarhurst. Drilled by Sweeney & Gray Co., Inc., August 13, 1952.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Coarse sand and gravel | 44 | 52 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 52 feet.

Pumping test:

| | | |
|-----------------------------------|----|-------|
| October 15, 1952. Duration: | 4 | hours |
| Static water level: | 8 | feet |
| Drawdown: | 4 | feet |
| Yield: | 50 | gpm |

N-3981. (B-6) Ralph Clausen, south of Waukena Road and west of Ocean Avenue, Oceanside. Drilled by Eastern Well & Pump Co., July 29, 1952.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------|---------------------|-----------------|
| Top soil and sand | 4 | 4 |
| Bog and sand | 6 | 10 |
| Brown sandy clay, some grits and gravel | 14 | 24 |
| Coarse light brown sand and gravel | 7 | 31 |
| Soft gray clay, slightly sandy | 12 | 43 |
| Same as above, small stones and gravel | 3 | 46 |
| Brown sandy clay, silt and mica | 20 | 66 |
| Fine to medium light brown sand, grits and gravel (dirty) | 5 | 71 |
| Soupy light brown sand, lumps clay, hardpan | 6 | 77 |
| Fine light gray sand, grits, gravel, hardpan | 4 | 81 |
| Fine to medium brown sand, grits, gravel (fairly clean) | 3 | 84 |
| Clean light gray sand, some mica | 2 | 86 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

| | | |
|---------------------------|------------------|-------|
| Duration: | 2 | hours |
| Static water level: | 1 $\frac{1}{2}$ | foot |
| Drawdown: | 16 $\frac{1}{2}$ | feet |
| Yield: | 25 | gpm |

N-3892. (E-7) Arthur Davis, south of Cleft Road and west of Mill Neck Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Clay and gravel | 3 | 3 |
| Coarse brown sand and grits | 11 | 14 |
| Light brown solid clay | 31 | 45 |

N-3892. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Coarse gray sand, grits, gravel, boulders | 46 | 91 |
| Coarse gray sand, grits, lumps of clay | 39 | 130 |
| Coarse brown sand, gravel, large stones | 28 | 158 |
| Coarse brown sand, multi-colored clay, large stones | 11 | 169 |
| Solid gray clay | 46 | 215 |
| Light gray sandy clay, gravel, lumps of clay | 57 | 272 |
| Multi-colored solid clay | 48 | 320 |
| Gray sandy clay, layers of solid clay | 11 | 331 |
| Fine brown sand | 10 | 341 |
| Coarse brown sand | 15 | 356 |
| Fine brown sand, streaks of clay | 16 | 372 |
| Medium brown sand | 4 | 376 |
| Coarse brown sand, large gravel, clay | 27 | 403 |
| Medium coarse brown sand and grits | 16 | 419 |
| Solid white clay and gravel | 4 | 423 |
| Coarse brown sand, gravel, clay | 12 | 435 |
| Coarse brown sand, grits, some clay | 7 | 442 |
| Coarse brown sand, large gravel, white clay | 9 | 451 |

Casing: 6 inches.

Screen: 22½ feet of 6 inch with bottom at 420½ feet.

Pumping test:

| | |
|---------------------------------|----------|
| October 7, 1952. Duration | 1½ hours |
| Static water level: | flows |
| Drawdown: | 420 feet |
| Yield: | 67 gpm |

N-3983. (B-5) Nat Young, south of East Rockaway Road and east of Huckleberry Lane, Hewlett Harbor. Drilled by Eastern Well & Pump Co., July 24, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Dirty sand, stones and clay | 12 | 12 |
| Fine sand and gravel | 8 | 20 |
| Fine light brown sand | 9 | 29 |
| Brown sand and gravel | 13 | 42 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 24, 1952. Duration: | 2 hours |
| Static water level: | 19 feet |
| Yield: | 50 gpm |

N-3989. (C-7) Wantagh Fire District, south of Carrollton Avenue and east of Brition Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 30, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil and fill | 2 | 2 |
| Medium brown sand, grits and gravel | 40 | 42 |

Casing: 4 inches.

Screen: 15¾ feet of 4 inch with bottom at 42 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 30, 1952. Duration: | 1 hour |
| Static water level: | 12 feet |
| Drawdown: | 10 feet |
| Yield: | 265 gpm |

N-3990. (C-8) Farmingdale Federal Loan & Savings, south of Fulton Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, August 18, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Basement | 12 | 12 |
| Sand and gravel | 36 | 48 |
| Casing: 4 inches. | | |
| Screen: 8 feet of $3\frac{3}{4}$ inch with bottom at 48 feet. | | |
| Pumping test: | | |
| August 9, 1952. Duration | 4 hours | |
| Static water level: | 21 feet | |
| Drawdown: | $\frac{2}{3}$ foot | |
| Yield: | 35 gpm | |

N-3991. (D-7) Allen Manufacturing Co., north of Duffy Lane and east of Wantagh State Parkway, Hicksville. Drilled by Fred Habenicht & Sons, August 25, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Well pit | 7 | 7 |
| Sand and pebbles | 28 | 35 |
| Very coarse sand | 12 | 47 |
| Very fine sand | 4 | 51 |
| Coarse sand and pebbles | 11 | 62 |
| Casing: 4 inches. | | |
| Screen: 8 feet of $3\frac{3}{4}$ inch with bottom at $61\frac{1}{2}$ feet. | | |
| Pumping test: | | |
| August 22, 1952. Duration: | 2 hours | |
| Static water level: | 42 feet | |
| Drawdown: | 9 feet | |
| Yield: | 38 gpm | |

N-3993. (E-6) Henry's, south of Glen Street and east of Bridge Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 1, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Coarse sand, gravel and stones | 6 | 14 |
| Coarse brown clean sand | 9 | 23 |
| Coarse brown sand, gravel and clay | 14 | 37 |
| White clay | 2 | 39 |
| Fine white sand and clay | 7 | 46 |
| Coarse brown sand, grits and some clay | 7 | 53 |
| Solid white clay | 1 | 54 |
| Very fine white sand and clay | 3 | 57 |
| Coarse white sand and grits | 3 | 60 |
| Coarse to fine white sand | 3 | 63 |
| Coarse sand and little clay | 6 | 69 |
| Coarse dark brown sand and clay | 1 | 70 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 62 feet. | | |
| Pumping test: | | |
| October 21, 1952. Duration: | 1 hour | |
| Static water level: | 6 inches | |
| Drawdown: | 7 feet | |
| Yield: | 30 gpm | |

N-4000. (B-5) Harry Zwerling, east of Deering Lane and south of Main Street, East Rockaway. Drilled by Eastern Well & Pump Co., September 9, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sandy clay | 7 | 9 |
| Hard-packed gray sand, few grits | 16 | 25 |
| Coarse brown sand, grits and gravel | 12 | 37 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

| | | |
|----------------------------------|----|-------|
| August 13, 1952. Duration: | 2 | hours |
| Static water level: | 10 | feet |
| Drawdown: | 2½ | feet |
| Yield: | 55 | gpm |

N-4012. (C-7) Emil Oberle, north of North Jerusalem Road and east of Newbridge Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 19, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Top soil and loam | 2 | 2 |
| Sand and gravel | 30 | 32 |

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 32 feet.

Pumping test:

| | | |
|----------------------------------|----|------|
| August 19, 1952. Duration: | 1 | hour |
| Static water level: | 14 | feet |
| Drawdown: | 3 | feet |
| Yield: | 60 | gpm |

N-4014. (E-7) Sidney G. M. Butler Cove Neck Road, Oyster Bay. Drilled by E. K. Hutchinson & Son, August 28, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Brown sand and gravel | 30 | 30 |
| White sand | 10 | 40 |
| Brown sand | 28 | 68 |
| Clay | 4 | 72 |
| White sand and heavy gravel | 8 | 80 |

Casing: 6 inches.

Screen: 6 feet of 5½ inch with bottom at 80 feet.

Pumping test:

| | | |
|----------------------------------|----|-------|
| August 14, 1952. Duration: | 8 | hours |
| Static water level: | 61 | feet |
| Drawdown: | 10 | feet |
| Yield: | 30 | gpm |

N-4015. (B-5) Herman Levinson, south of Auerbach Lane and west of Jorgen Street, Cedarhurst. Drilled by S. J. Breen Co., Inc., August 28, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Black bog | 8 | 12 |
| Yellow sand with small gravel | 22 | 34 |

Casing: 6 inches.

Screen: 5 feet of 5½ inch with bottom at 34 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 27, 1952. Duration: | 4 hours |
| Static water level: | 9 feet |
| Drawdown: | 11 feet |
| Yield: | 60 gpm |

N-4016. (D-4) E. A. Kahn Estate, 7 Martin Court, South, Kings Point. Drilled by C. W. Lauman & Co., Inc., November 15, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Pit | 5 | 5 |
| Brown sand, gravel and lumps of clay | 17 | 22 |
| Brown sand and plenty gravel | 21 | 43 |
| Coarse brown sand and some gravel | 18 | 61 |
| Light brown sand and plenty gravel | 13 | 74 |
| Fine light brown sandy clay | 1 | 75 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 70 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 15, 1952. Duration: | 7 hours |
| Static water level: | 36 feet |
| Drawdown: | 7 feet |
| Yield: | 72 gpm |

N-4018. (C-8) Massapequa Fire District, Sunrise Highway and Unqua Road, Massapequa. Drilled by Mathies Well & Pump Co., Inc., December 5, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Sand and gravel | 4 | 6 |
| Yellow clay and sand | 3 | 9 |
| Coarse sand and gravel | 37 | 46 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 46 feet.

Pumping test:

| | |
|-----------------------------------|------------|
| December 5, 1952. Duration: | 4 hours |
| Drawdown: | 24" vacuum |
| Yield: | 250 gpm |

N-4029. (C-6) Sweet Clover Dairy, Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., December 8, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 48 | 48 |
| Casing: 6 inches. | | |
| Screen: 5 feet of 6 inch with bottom at 48 feet. | | |
| Pumping test: | | |
| November 25, 1952. Duration: | 2 hours | |
| Static water level: | 14 feet | |
| Yield: | 65 gpm | |

N-4038. (C-8) E.D.J. Realty Corporation (Massapequa Park Market), north of Front Street and west of Clark Boulevard, Massapequa Park. Drilled by Mathies Well & Pump Co., Inc., June 25, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Concrete | 1 | 1 |
| Fill | 8 | 9 |
| Coarse sand and gravel | 41 | 50 |
| Gray fine sand | 17 | 67 |

Casing: 4 inches.
Screen: 10 $\frac{3}{4}$ feet of 4 inch with bottom at 67 feet.

N-4043. (C-8) South Farmingdale Water District, west of Langdon Road and north of Boundary Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., August 17, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand, grits, gravel | 89 | 92 |
| Same as above, with lumps of clay | 42 | 134 |
| Medium fine brown sand | 5 | 139 |
| Medium fine light brown clayey sand | 11 | 150 |
| Medium fine brown sand | 20 | 170 |
| Solid light brown clay | 5 | 175 |
| Medium fine sand, small layers clay | 5 | 180 |
| Fine brown sandy clay and layers solid clay | 6 | 186 |
| Medium fine brown sand | 24 | 210 |
| Medium fine gray sandy clay | 27 | 237 |
| Fine gray sand, clay and streaks of solid clay | 52 | 289 |
| Fine gray sand and some clay | 15 | 304 |
| Fine gray sand | 5 | 309 |
| Layers of gray sand, clay, solid clay and lignite | 13 | 322 |
| Medium fine gray sand and layers of lignite | 50 | 372 |
| Fine gray sand and some clay | 21 | 393 |
| Medium fine gray sand | 21 | 414 |
| Medium fine gray sand and layers of solid clay | 7 | 421 |
| Fine gray sandy clay and layers of lignite | 61 | 482 |

Casing: 16 inches.
Screen: 52 feet of 12 inch with bottom at 369 feet.

| | | |
|------------------------------------|----------|--|
| Pumping test: | | |
| February 26, 1953. Duration: | 8 hours | |
| Static water level: | 27 feet | |
| Drawdown: | 36 feet | |
| Yield: | 1212 gpm | |

N-4044. (C-7) King Kullen Store, Merrick Avenue and Bellmore Avenue, East Meadow.
Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Coarse brown sand, grits and gravel | 40 | 49 |
| Fine brown sandy clay | | below 49 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 40 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| November 7, 1952. Duration: | 2 hours |
| Static water level: | 9 feet |
| Drawdown: | 5 feet |
| Yield: | 75 gpm |

N-4050. (D-7) H. C. Bohack Co., Inc., northwest corner of Old Country Road and Newbridge Avenue, Hicksville. Drilled by Sweeney & Gray Co., Inc., October 20, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Sand and gravel | 66 | 76 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 77 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 10, 1953. Duration: | 4 hours |
| Static water level: | 46 feet |
| Drawdown: | 4 feet |
| Yield: | 69 gpm |

N-4053. (E-8) Lester Fluewellen, Laurel Cove and Cove Road, Laurel Hollow. Drilled by Fred Habenicht & Son, November 12, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Hard gravel | 38 | 41 |
| White sand and gravel | 32 | 73 |
| White clay and sand | 26 | 99 |
| Coarse white sand with about 30% fine sand | 22 | 121 |

Casing: 6 inches.

Screen: 12 feet of 5½ inch with bottom at 121 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 11, 1952. Duration: | 6 hours |
| Static water level: | 79 feet |
| Drawdown: | 9 feet |
| Yield: | 21 gpm |

N-4054. (B-6) Henry Greenbaum, 100 Kennedy Avenue and Milburn Street, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------|---------------------|-----------------|
| Basement | 5 | 5 |
| Fine brown sand | 15 | 20 |
| Coarse brown sand | 7 | 27 |

N-4054. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fine brown sand and grits | 5 | 32 |
| Fine brown sand | 4 | 36 |
| Coarse sand and gravel | 4 | 40 |
| Fine brown sand | 3 | 43 |
| Medium fine sand and gravel | 9 | 52 |

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 48 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| November 6, 1952. Duration: | 2 hours |
| Static water level: | 9 feet |
| Drawdown: | 6 feet |
| Yield: | 60 gpm |

N-4057. (C-6) Tube Distributors Co., Inc., south of Kellum Place and east of Old Country Road, Garden City. Drilled by Eastern Well & Pump Co., October 30, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Marl | | 2 |
| Coarse sand and clean gravel | 24 | 26 |
| Coarse brown sand, grits and gravel, slightly clayey | 14 | 40 |
| Coarse brown sand, few grits and gravel | 30 | 70 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 70 feet.

| | |
|---------------------------|---------|
| Static water level: | 32 feet |
| Yield: | 110 gpm |

N-4059. (B-7) Wantagh Fire District, west of South Cedar Street and south of Merrick Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 27, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Top soil and loam | 1 | 3 |
| Marsh sod and loam | 1 | 4 |
| Coarse brown sand and gravel | 26 | 30 |
| Medium coarse sand | 5 | 35 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 38 feet.

Pumping test:

| | |
|-----------------------------------|----------------------|
| October 27, 1952. Duration: | 2 hours |
| Static water level: | 7 feet |
| Drawdown: | 3 $\frac{1}{4}$ feet |
| Yield: | 120 gpm |

N-4060. (D-7) Towne & James Drugs, northwest of Grand Boulevard and Third Street, Westbury. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Coarse brown and gravel | 31 | 31 |
| Fine brown sand, small amount clay | 24 | 55 |
| Fine clean brown sand | 8 | 63 |

(Continued on next page)

N-4060. (*Continued*)

Casing: 6 inches.

Screen: 6 $\frac{2}{3}$ feet of 6 inch with bottom at 63 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 13, 1952. Duration: | 2 hours |
| Static water level: | 39 feet |
| Drawdown: | 12 feet |
| Yield: | 40 gpm |

N-4063. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 4, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 1 | 3 |
| Coarse brown sand, grits and gravel | 27 | 30 |
| Same as above, with lumps of clay | 30 | 60 |
| Medium coarse brown sand, grits, gravel and lumps of clay | 62 | 122 |
| Same as above, with multi-colored sand | 12 | 134 |
| Solid gray clay | 15 | 149 |
| Medium coarse brown sand | 13 | 162 |
| Layers of solid gray clay and sandy clay | 3 | 165 |
| Fine brown sandy clay and streaks of solid clay | 12 | 177 |
| Medium fine brown sand | 11 | 188 |
| Layers of fine brown sand and sandy clay | 6 | 194 |
| Fine brown sand and some clay | 44 | 238 |
| Fine gray sand and some clay | 5 | 243 |
| Fine brown sand and layers of solid clay | 5 | 248 |
| Medium coarse brown sand, layers of clay and hardpan | 6 | 254 |
| Medium fine brown sand and streaks of sandy clay | 64 | 318 |
| Fine gray sandy clay | 19 | 337 |
| Fine brown sand | 5 | 342 |
| Solid hard gray clay | 15 | 357 |
| Fine gray sandy clay and streaks of solid clay | 36 | 393 |
| Medium fine brown sand | 6 | 399 |
| Fine brown sandy clay | 7 | 406 |
| Medium fine brown sand | 8 | 414 |
| Solid gray clay | 14 | 428 |
| Fine gray sandy clay | 19 | 447 |
| Medium fine brown sand | 12 | 459 |
| Fine gray sandy clay | 7 | 466 |

Casing: 16 inches.

Screen: 94 feet of 12 inch with bottom at 233 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 20, 1953. Duration: | 8 hours |
| Static water level: | 51 feet |
| Drawdown: | 22 feet |
| Yield: | 1529 gpm |

N-4072. (D-6) Guild Machinery Inc., north of Hillside Avenue and west of Moore Street, New Hyde Park. Drilled by S. J. Breen Co., Inc., November 21, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 51 | 51 |
| Coarse sand | 6 | 57 |

N-4072. (*Continued*)

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 55½ feet.

Pumping test:

| | | |
|------------------------------------|----|-------|
| November 21, 1952. Duration: | 4 | hours |
| Static water level: | 34 | feet |
| Drawdown: | 5½ | feet |
| Yield: | 65 | gpm |

N-4074. (C-5) Jamaica Sash & Door Co., south of Dennis Avenue and east of Old Broadway, Garden City. Drilled by Mathies Well & Pump Co., Inc., April 20, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Brown clay and stones | 5 | 7 |
| Yellow clay and stones | 5 | 12 |
| Coarse gravel | 34 | 46 |
| Coarse sand and some gravel | 11 | 57 |
| Coarse sand and gravel | 16 | 73 |

Casing: 6 inches.

Screen: 15 feet of 4 inch with bottom at 73 feet.

Pumping test:

| | | |
|---------------------------------|----|------|
| April 20, 1953. Duration: | 1 | hour |
| Static water level: | 24 | feet |
| Drawdown: | 3 | feet |
| Yield: | 69 | gpm |

N-4076. (B-8) Wantagh Fire District, Bayview Avenue, Wantagh. Drilled by C. W. Lau-man & Co., Inc., December 12, 1952.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Coarse sand and gravel | 37 | 38 |

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 38 feet.

Pumping test:

| | | |
|------------------------------------|-----|-------|
| December 12, 1952. Duration: | 2 | hours |
| Static water level: | 9 | feet |
| Drawdown: | 12 | feet |
| Yield: | 100 | gpm |

N-4077. (C-5) Jamaica Water Supply Co., north of Disney Avenue and west of Gilbert Court, Floral Park. Drilled by Layne-New York Co., Inc., January 8, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 90 | 90 |

Casing: 24 inches.

Screen: 20 feet of 18 inch with bottom at 90 feet.

Pumping test:

| | | |
|-----------------------------------|------|-------|
| October 22, 1953. Duration: | 8 | hours |
| Static water level: | 30 | feet |
| Drawdown: | 30 | feet |
| Yield: | 1500 | gpm |

N-4078. (D-7) W. Ferrels, south of Newbridge Avenue and east of Old Country Road, Westbury. Drilled by Fred Habenicht & Sons, May 18, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Basement | 6 | 6 |
| Yellow sand | 13 | 19 |
| Fine sand | 28 | 47 |
| Coarse gravel and sand | 26 | 73 |
| Very coarse sand and few pebbles | 6 | 79 |

Casing: 4 inches.

Screen: 4 feet of 3 3/4 inch with bottom at 79 feet.

Pumping test:

May 17, 1953. Duration: $\frac{3}{4}$ hour
Yield: 12 gpm

N-4079. (C-7) Jersualem Avenue Taxpayer, Inc., north of Jerusalem Avenue and east of Walnut Lane, Hicksville. Drilled by Eastern Well & Pump Co., December 22, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 68 | 68 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 67 feet.

Pumping test:

December 22, 1952. Duration: 3 hours
Drawdown: 43 1/4 feet
Yield: 69 gpm

N-4082. (D-6) Village of Mineola, Mineola. Drilled by Layne-New York Co., Inc.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Red sand and gravel | 153 | 153 |
| Gray clay | 12 | 165 |
| Sand and gravel | 15 | 180 |
| Fine sand and clay streaks | 23 | 203 |
| Gray soft clay | 17 | 220 |
| Sand and streaks clay | 24 | 244 |
| Sand and gravel streaks, clay | 87 | 331 |
| Tough clay | 21 | 352 |
| Coarse sand | 32 | 384 |
| Gray clay | 20 | 404 |
| Coarse sand and fine gravel | 60 | 464 |
| Coarse sand and clay streaks | 12 | 476 |

Casing: 24 inches.

Screen: 40 feet of 10 inch with bottom at 462 feet.

Pumping test:

January 22, 1953. Duration: 8 hours
Static water level: 33 feet
Drawdown: 37 feet
Yield: 1035 gpm

N-4086. (C-7) Meadowbrook National Bank, south of Park Avenue and east of Wantagh Avenue, Wantagh. Drilled by Eastern Well & Pump Co., December 27, 1952.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and grits | 26 | 26 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 26 feet. | | |
| Pumping test: | | |
| December 17, 1952. Duration: | 2 | hours |
| Static water level: | 1½ | feet |
| Drawdown: | 6 | feet |
| Yield: | 60 | gpm |

N-4096. (D-8) Plainview Water District, Plainview Road and Old Country Road, Plainview. Drilled by Layne-New York Co., Inc., August 2, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Sandy clay | 48 | 53 |
| Sand, gravel and streaks of clay | 106 | 159 |
| Sandy clay | 20 | 179 |
| Clay | 32 | 211 |
| Sand and gravel | 8 | 219 |
| Sand, gravel and streaks of yellow clay | 30 | 249 |
| Yellow clay and sand | 12 | 261 |
| Sand, gravel and streaks of clay | 96 | 357 |
| Clay | 16 | 373 |
| Sand and gravel | 42 | 415 |
| Hard blue clay | 21 | 436 |
| Sand and gravel | 67 | 503 |
| Sand and clay streaks | 7 | 550 |

Casing: 24 inches.

Screen: 50 feet of 12 inch with bottom at 494 feet.

| Pumping test: | | |
|---------------------------------|------|-------|
| August 2, 1954. Duration: | 8 | hours |
| Static water level: | 68 | feet |
| Drawdown: | 32 | feet |
| Yield: | 1200 | gpm |

N-4097. (D-8) Plainview Water District, Orchard Street and Nassau Avenue, Plainview. Drilled by Layne-New York Co., Inc., August 4, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Sand and gravel | 46 | 46 |
| Sandy clay | 143 | 189 |
| Clay | 21 | 210 |
| Various colored sandy clay | 190 | 400 |
| Coarse sand | 67 | 467 |
| Sand clay streaks | | below 467 |

Casing: 24 inches.

Screen: 50 feet of 12 inch with bottom at 463 feet.

| Pumping test: | | |
|---------------------------------|------|-------|
| August 4, 1954. Duration: | 8 | hours |
| Static water level: | 75 | feet |
| Drawdown: | 33 | feet |
| Yield: | 1200 | gpm |

N-4098. (D-7) Bernard Construction Co., north of Old Country Road and west of Rushmore Street, New Cassel. Drilled by E. K. Hutchinson & Son, May 1, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 20 | 20 |
| Clay | 8 | 28 |
| Sand and gravel | 65 | 93 |
| Casing: 4 inches. | | |
| Screen: 46 feet of 4 inch with bottom at 50 feet. | | |
| Pumping test: | | |
| February 27, 1953. Duration: | 1 hour | |
| Static water level: | 35 feet | |
| Drawdown: | 2 feet | |
| Yield: | 12 gpm | |

N-4104. (C-6) Julius Kassover, south of Demott Avenue and west of Devon Street, Rockville Centre. Drilled by Eastern Well & Pump Co., April 1, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Top soil and clay | 4 | 4 |
| Sand and gravel | 22 | 26 |
| Sand, gravel and stones | 7 | 33 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 32 feet. | | |
| Pumping test: | | |
| April 1, 1953. Duration: | 3 hours | |
| Static water level: | 15 feet | |
| Yield: | 50 gpm | |

N-4109. (C-7) Food Fair, c/o Merrick Holding Corporation, south of Front Street and west of Merrick Avenue, East Meadow. Drilled by Eastern Well & Pump Co.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Medium brown sand | 7 | 10 |
| Coarse brown sand and gravel | 21 | 31 |
| Fine light brown sand | 3 | 34 |
| Coarse brown sand and gravel | 11 | 45 |
| Thin layer of clay | | |
| Fine brown sand, few grits, clay lumps | 2 | 47 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 45 feet. | | |
| Pumping test: | | |
| February 27, 1953. Duration: | 3 | hours |
| Static water level: | 18 | feet |
| Drawdown: | 1½ | feet |
| Yield: | 80 | gpm |

N-4111. (C-7) Otto Tepe, north of Wilson Avenue and east of Whale Neck Road, East Meadow. Drilled by Cornelius Keck, April 17, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------|---------------------|-----------------|
| Above ground | 1 | 1 |
| Sandy loam | 2 | 3 |

N-4111. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Coarse sand and coarse gravel | 13 | 16 |
| Coarse sand and medium gravel | 9 | 25 |
| Coarse sand | 5 | 30 |
| Coarse sand and medium gravel | 5 | 35 |
| Medium gravel and very little coarse sand | 5 | 40 |

Casing: 6 inches.

Screen: 10 5/6 feet of 4 inch with bottom at 40 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 17, 1953. Duration: | 2 hours |
| Static water level: | 16 feet |
| Drawdown: | 12 feet |
| Yield: | 300 gpm |

N-4118. (C-6) West Hempstead-Hempstead Gardens Water District, south of Willow Street and west of Birch Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., December 10, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand, grits, gravel | 30 | 33 |
| Coarse brown sand, grits, lumps clay | 6 | 39 |
| Medium coarse brown sand and grits | 31 | 70 |
| Coarse brown sand, grits, gravel | 12 | 82 |
| Solid gray clay and shells | 4 | 86 |
| Solid gray clay | 6 | 92 |
| Coarse brown sand, grits, gravel | 54 | 146 |
| Coarse gray sand, grits, gravel | 66 | 212 |

Casing: 16 inches.

Screen: 57 1/2 feet of 12 inch with bottom at 204 feet.

Pumping test:

| | |
|--------------------------------|-------------|
| June 29, 1953. Duration: | 7 hours |
| Static water level: | 22 1/2 feet |
| Drawdown: | 21 feet |
| Yield: | 1300 gpm |

N-4120T. (C-5) Jamaica Water Supply Co., northeast corner Francis Drive and Franklin Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., June 18, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Red and brown sand | 10 | 10 |
| Brown sand and gravel | 36 | 46 |
| Gravel | 4 | 50 |
| Gray sand | 10 | 60 |
| Dark green sand | 15 | 75 |
| Brown sand and gravel | 2 | 77 |
| Muddy white sand | 11 | 88 |
| White clay | 4 | 92 |
| Muddy white sand | 46 | 138 |
| White clay | 2 | 140 |
| Muddy white sand | 37 | 177 |
| Black clay | 8 | 185 |
| Sand and clay | 51 | 236 |
| Blue clay | 8 | 244 |

(Continued on next page)

N-4120T. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Sand | 12 | 256 |
| Clay | 12 | 268 |
| Sandy clay | 32 | 300 |
| Fine to medium sand | 28 | 328 |
| Sand and some clay | 22 | 350 |
| Streaks of coarse sand and clay | 54 | 404 |
| Clay—tough | 6 | 410 |
| Sand coarse | 38 | 448 |
| Clay | 10 | 458 |

Casing: 8 inches.

Screen: 30 feet of 8 inch with bottom at 458 feet.

N-4125. (D-6) Colonial Sand & Stone, Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, April 15, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Sand and loam | 10 | 10 |
| Clay and sand | 150 | 160 |
| Sand, gravel and clay (mixed) | 65 | 225 |
| Coarse gravel and water | 44 | 269 |

Casing: 8 inches.

Screen: 20 feet of 7½ inch with bottom at 255 feet.

Pumping test:

| | |
|---------------------------------|---------|
| March 19, 1953. Duration: | 4 hours |
| Static water level: | 32 feet |
| Drawdown: | 20 feet |
| Yield: | 400 gpm |

N-4126. (C-6) Hempstead High School, south of Prospect Street and west of Henry Street, Hempstead. Drilled by E. K. Hutchinson & Son, September 25, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 60 | 60 |

Casing: 8 inches.

Screen: 10 feet of 7½ inch with bottom at 60 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 14, 1953. Duration: | 1 hour |
| Static water level: | 12 feet |
| Drawdown: | 2 feet |
| Yield: | 150 gpm |

N-4127. (C-6) Associated Food Stores, c/o Mallow Food Corporation, north of Francis Street and east of Hempstead Avenue, Malverne. Drilled by Eastern Well & Pump Co., March 30, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Medium coarse brown sand and gravel | 25 | 25 |
| Fine to medium sand, few grits and gravel | 22 | 47 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 50 feet.

N-4127. (*Continued*)

Pumping test:
March 30, 1953. Duration: 2 hours
Static water level: 16½ feet
Yield: 61 gpm

N-4128. (D-5) Setman Realty Corporation—Food Fair Stores, Northern Boulevard, Manhasset. Drilled by C. W. Lauman & Co., Inc., April 29, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Loam, sand, stones and boulders | 4 | 4 |
| Coarse brown sand and gravel | 28 | 32 |
| Hard packed sand, gravel and stones | 10 | 42 |
| Coarse brown sand and gravel | 46 | 88 |
| Hard packed sand and clay | 6 | 94 |
| Yellow sand, clay and grits | 16 | 110 |
| Very fine yellow brown sand, mica, some clay | 7 | 117 |
| Coarse brown sand, grits, layers of sandy clay | 4 | 121 |
| Sand, clayey | 36 | 157 |
| Sharp brown sand and hardpan | 21 | 178 |
| Very fine gray sand and sandy clay | 4 | 182 |
| Very fine brown sand and sandy clay | 3 | 185 |
| Very fine reddish sand and hardpan, sandy clay | 3 | 188 |
| Very fine gray sand and sandy clay | 8 | 196 |
| Very fine brown sand, sandy clay and hardpan | 9 | 205 |

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 205 feet.

Pumping test:
April 27, 1953. Duration: 5 hours
Static water level: 99 feet
Drawdown: 55 feet
Yield: 178 gpm

N-4129. (C-7) P. Mockavitz, south of Jerusalem Avenue and east of Bellmore Avenue, Bellmore. Drilled by Fred Habenicht & Sons, March 2, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Coarse yellow sand and gravel | 31 | 39 |

Casing: 4 inches.

Screen: 10 feet of 3¾ inch with bottom at 39 feet.

Pumping test:
March 2, 1953. Duration: 3 hours
Static water level: 12 feet
Drawdown: 7 feet
Yield: 65 gpm

N-4131. (D-7) George Smith, north of Park Street and west of Garden Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., March 20, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Heavy gravel | 30 | 31 |

(*Continued on next page*)

N-4131. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Solid yellow clay | 3 | 34 |
| Yellow clay and sand | 24 | 58 |
| Solid yellow clay | 9 | 67 |
| Fine sand and chunks of clay | 2 | 69 |
| Fine lively sand | 8 | 77 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 77 feet.

Pumping test:

| | |
|---------------------------------|---------|
| March 20, 1953. Duration: | 2 hours |
| Yield: | 10 gpm |

N-4132. (B-6) Long Island Water Corporation—Well No. 7, north of Portland Avenue and west of Grove Street, Baldwin. Drilled by Layne-New York Co., Inc., June 15, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fill | 10 | 10 |
| Fine sand and gravel | 49 | 59 |
| Clay, sand, streaks | 49 | 108 |
| Sand | 12 | 120 |
| Fine sand, clay streaks | 110 | 230 |
| Hard sand, clay | 15 | 245 |
| Clay | 4 | 249 |
| Hard sandy clay | 23 | 372 |
| Tough clay | 8 | 380 |
| Hard fine sand | 20 | 400 |
| Clay | 3 | 403 |
| Hard fine sand, clay | 29 | 432 |
| Fine hard sand | 22 | 454 |
| Medium sand, hard | 44 | 498 |
| Clay | 4 | 502 |
| Medium sand, hard | 23 | 525 |
| Muddy sand | 15 | 540 |
| Hard sandy clay streaks | 40 | 580 |
| Sand, fine gravel, streaks of clay | 42 | 622 |
| Clay | 9 | 631 |

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 619 feet.

Pumping test:

| | |
|--------------------------------|----------|
| June 15, 1953. Duration: | 8 hours |
| Static water level: | 10 feet |
| Drawdown: | 51 feet |
| Yield: | 1400 gpm |

N-4133. (D-7) Jericho Water District, south of Syosset Circle and west of Colony Lane, Locust Grove. Drilled by Layne-New York Co., Inc., May 28, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Coarse sand, gravel and boulders | 31 | 31 |
| Coarse sand, hard streaks of gravel and boulders | 64 | 95 |
| Coarse brown sand, streaks of large gravel | 45 | 140 |
| Large gravel and boulders | 34 | 174 |

N-4133. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Gravel and clay | 10 | 184 |
| Gravel, clay and boulders | 10 | 194 |
| Fine sand | 26 | 220 |
| Sand, gravel and clay | 15 | 235 |
| Tough clay | 11 | 246 |
| Clay, sand and gravel | 8 | 254 |
| Sandy clay, streaks of gravel and hard clay | 24 | 278 |
| Coarse gravel | 53 | 331 |
| Coarse gravel, boulders and white clay | 16 | 347 |
| Sandy clay | 40 | 387 |
| Coarse sand and gravel | 69 | 456 |
| Sand and clay | 19 | 475 |

Casing: 24 inches.

Screen: 50 feet of 12 inch with bottom at 450 feet.

Pumping test:

May 28, 1954. Duration: 8 hours
Static water level: 102 feet
Drawdown: 56 feet
Yield: 1000 gpm

N-4134. (C-6) H. C. Bohack Co., Inc., south of Front Street and east of Uniondale Avenue, Hempstead. Drilled by Sweeney & Gray Co., Inc., March 13, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Sand | 37 | 47 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

N-4136. (E-7) Oyster Bay Water District, north of Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Black silt | 12 | 15 |
| Brown sand and small gravel | 5 | 20 |
| Brown sand and medium gravel | 15 | 35 |
| Brown sandy clay | 5 | 40 |
| Brown clay | 24 | 64 |
| Gray clay | 36 | 100 |
| Brown sandy clay | 59 | 159 |
| Brown sand and gravel (muddy) | 10 | 169 |
| Brown sandy clay | 15 | 184 |
| Brown fine sandy clay | 6 | 190 |
| Gray clay (hard) | 42 | 232 |
| Brown fine sand | 33 | 265 |
| Brown sand and heavy gravel | 5 | 270 |
| Red sand and medium gravel | 7 | 277 |
| Brown fine sand (few grits) | 9 | 286 |
| Brown fine sand and no grits | 24 | 310 |

Note: Well abandoned.

N-4137. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., April 28, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Black silt | 5 | 8 |
| Sand and gravel (brown) | 27 | 35 |
| Brown sandy clay | 30 | 65 |
| Gray clay | 25 | 90 |
| Brown clay | 15 | 105 |
| Brown sandy clay (some gravel) | 5 | 110 |
| Brown clay | 15 | 125 |
| Brown sandy clay with grits | 15 | 140 |
| Brown sandy clay | 5 | 145 |
| Brown sandy clay (some gravel) | 15 | 160 |
| Brown coarse sand and gravel | 1 | 161 |
| Brown coarse sand and gravel | 2 | 163 |
| Red sand and gravel | 2 | 165 |
| Brown sand and gravel (coarse) | 20 | 185 |
| Fine brown sand and gravel | 3 | 188 |

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 188 feet.

Pumping test:

April 28, 1953. Duration: 8 hours
Drawdown: 142 feet
Yield: 400 gpm

Note: Well flows.

On May 17, 1955 water reported unsatisfactory and well will not be used.

N-4138. (C-7) Keen Shopping Center, north of North Jerusalem Avenue and west of Spring Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., June 4, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Medium coarse, light brown sand and gravel | 44 | 54 |

Casing: 6 inches.

Screen: 8½ feet of 6 inch with bottom at 44½ feet.

Pumping test:

May 6, 1953. Duration: 2 hours
Static water level: 5 feet
Drawdown: 8 feet
Yield: 110 gpm

N-4139. (C-7) Wantagh Fire District, south of Carrollton Avenue and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Fine dark brown sand, small grits and gravel | 8 | 11 |
| Coarse light brown sand, grits and gravel | 19 | 30 |
| Coarse dark brown sand, grits and gravel | 13 | 43 |

Casing: 4 inches.

Screen: 21 feet of 4 inch with bottom at 43 feet.

N-4139. (Continued)

| | | | |
|-----------------|---------------------------|-----|-------|
| Pumping test: | | | |
| March 31, 1953. | Duration: | 4 | hours |
| | Static water level: | 8½ | feet |
| | Drawdown: | 4 | feet |
| | Yield: | 100 | gpm |

N-4140. (B-6) Sawyer & Dolfinger, c/o Bohack Store, north of St. Lukes Place and west of Grand Avenue, Baldwin. Drilled by Mathies Well & Pump Co., Inc., July 6, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 23 | 23 |
| Gray clay and clam shells | 31 | 54 |
| Gray clay | 4 | 58 |
| Coarse sand, grits and gray clay water | 9 | 67 |

Casing: 6 inches.

Screen: 7 feet of 5¾ inch with bottom at 66 feet.

| | | | |
|---------------|---------------------------|-----|-------|
| Pumping test: | | | |
| July 6, 1953. | Duration: | 2 | hours |
| | Static water level: | 5 | feet |
| | Drawdown: | 16½ | feet |
| | Yield: | 90 | gpm |

N-4141. (E-7) Edward A. Tully, Sr., Bayville Road and Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., May 8, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Fine sand | 12 | 12 |
| Clay | 11 | 23 |
| Sand and grit | 23 | 46 |
| Sand and gravel | 64 | 110 |
| White clay | 5 | 115 |
| Fine sand—muddy | 11 | 126 |
| Fine (red) sand | 11 | 137 |
| Red clay | 43 | 180 |
| Gray clay | 10 | 190 |
| Brown clay | 51 | 241 |
| Gray clay | 9 | 250 |
| Brown clay | 10 | 260 |
| Red clay | 25 | 285 |
| Gray clay | 10 | 295 |
| Water bearing sand | 10 | 305 |
| Sand and gravel | 45 | 350 |

Casing: 8 inches.

Screen: 10 feet of 6 inch with bottom at 350 feet.

| | | | |
|---------------|---------------------------|-----|-------|
| Pumping test: | | | |
| May 4, 1953. | Duration: | 4 | hours |
| | Static water level: | 3 | feet |
| | Drawdown: | 27 | feet |
| | Yield: | 150 | gpm |

N-4142. (B-5) A. Klonsky, west of Lefferts Road and north of Cedar Road, Hewlett Bay Park. Drilled by Fred Habenicht & Sons, Inc., April 13, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Yellow sand | 26 | 28 |
| Bay bog | 13 | 41 |
| Black mud and clam shells | 22 | 63 |
| Very fine, gray silty sand | 14 | 77 |
| Coarse dirty gray sand | 12 | 89 |

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 87 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 12, 1953. Duration: | 2 days |
| Static water level: | 3 hours |
| Drawdown: | 6 feet |
| Yield: | 18 feet |
| | 73 gpm |

N-4144. (D-6) King Kullen Store, north of Jericho Turnpike and west of Barwick Boulevard, Mineola. Drilled by C. W. Lauman & Co., Inc., October 14, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Coarse sand, grits, gravel and large stones | 20 | 30 |
| Fine to coarse sand | 10 | 40 |
| Medium to coarse sand, grits and gravel | 30 | 70 |
| Fine to coarse sand | 9 | 79 |

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 68½ feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 29, 1953. Duration: | 2 hours |
| Static water level: | 21 feet |
| Drawdown: | 9 feet |
| Yield: | 91 gpm |

N-4146. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., October 11, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Fine to coarse sand, grits and gravel | 33 | 35 |
| Fine to medium brown sand, mica and hardpan | 20 | 55 |
| Fine brown sand and mica | 9 | 64 |
| Medium to coarse brown sand, grits and mica | 16 | 80 |
| Medium to coarse brown sand, grits, hardpan multi-colored clay and mica | 19 | 99 |
| Fine brown sand, mica and some clay | 6 | 105 |
| Fine brown sand, mica, hardpan and multi-colored clay | 18 | 123 |
| Fine brown sand and some mica | 4 | 127 |
| Fine to medium brown sand, streaks of sandy clay and hardpan | 8 | 135 |
| Solid and sandy multi-colored clay | 4 | 139 |
| Solid dark gray clay | 2 | 141 |
| Fine gray sand, mica and lumps of clay | 6 | 147 |

N-4146. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------------------|---------------------|-----------------|
| Fine to medium brown sand, mica, lumps of clay | 10 | 157 |
| Fine to medium gray sand and mica | 9 | 166 |
| Fine to medium brown sand, hardpan, multi-colored sandy clay | 2 | 168 |
| Hard multi-colored sandy clay and hardpan | 8 | 176 |
| Fine brown sand, mica and lumps of multi-colored sandy clay | 4 | 180 |
| Fine brown sand, mica, streaks of clay | 9 | 189 |
| Fine brown sand and mica | 3 | 192 |
| Fine to medium brown sand, hardpan, lumps of multi-colored sandy clay and mica | 12 | 204 |
| Fine brown sand, sandy clay, hardpan and mica | 4 | 208 |
| Fine brown sand, mica, hardpan and some clay | 8 | 216 |
| Fine brown sand, mica, hardpan and streaks of clay | 10 | 226 |
| Fine brown sand, mica and hardpan | 9 | 235 |
| Solid gray clay | 3 | 238 |

Casing: 16 inches.

Screen: 58¾ feet of 12 inch with bottom at 212 feet.

Pumping test:

| | |
|------------------------------------|----------|
| October 11, 1956. Duration : | 8 hours |
| Static water level : | 50 feet |
| Drawdown : | 28 feet |
| Yield : | 1480 gpm |

N-4149. (B-7) U. S. Geological Survey, Merrick Avenue and Extension, Merrick. Drilled by C. W. Lauman & Co., Inc., July 7, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Bog | 1 | 4 |
| Coarse brown sand, grit and gravel | 34 | 38 |
| Solid gray clay | 11 | 49 |
| Layers of fine gray sand and solid clay | 19 | 68 |
| Medium coarse gray sand and streaks of lignite | 43 | 111 |
| Layers of medium coarse gray sand and solid clay | 10 | 121 |
| Layers of fine gray sand and solid clay | 8 | 129 |
| Medium fine gray sand | 52 | 181 |
| Fine gray sand and streaks of clay | 19 | 210 |
| Solid gray clay | 9 | 219 |
| Layers of medium fine gray sand and solid clay | 22 | 241 |
| Fine gray sand and some clay | 17 | 258 |
| Solid gray clay and streaks of fine gray sand | 23 | 281 |
| Medium fine gray sand and streaks of lignite | 10 | 291 |
| Solid black clay and streaks of fine gray sand | 27 | 318 |
| Fine gray sand, layers of solid clay, sandy clay and lignite | 26 | 344 |
| Solid black clay | 12 | 356 |
| Medium gray sand, layers of fine gray sandy clay, mica, lignite | 59 | 415 |
| Fine gray sand, mica, some clay | 15 | 430 |
| Fine gray sandy clay, lignite | 27 | 457 |
| Fine gray sandy clay, layers of solid clay, lignite | 42 | 499 |
| Medium fine gray sand, some mica | 20 | 519 |
| Fine gray sand, some clay | 19 | 538 |
| Solid clay | 5 | 543 |
| Medium fine gray sand, streaks of lignite | 51 | 594 |

(Continued on next page)

N-4149. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, streaks of clay, lignite, pyrite | 24 | 618 |
| Medium fine gray sand, streaks of clay and lignite | 40 | 658 |
| Solid gray clay, streaks of lignite | 21 | 679 |
| Medium fine gray sand, streaks of lignite and clay | 40 | 719 |
| Coarse gray sand, clay, large gravel | 17 | 736 |
| Layers of light gray solid clay and sandy clay | 9 | 745 |
| Solid gray clay, streaks of coarse sand and gravel | 28 | 773 |
| Light gray sandy clay | 11 | 784 |
| Fine gray sand and some clay | 16 | 800 |
| Hard gray sandy clay, layers of solid clay, lignite | 15 | 815 |
| Fine gray sandy clay | 9 | 824 |
| Fine gray sand, some clay | 9 | 833 |
| Fine gray sandy clay, streaks of lignite | 23 | 856 |
| Solid gray clay, streaks of sandy clay, lignite | 22 | 878 |

Casing: 10 inches.

Screen: 22 feet of 6 inch with bottom at 583 feet.

Pumping test:

| | | |
|---------------------|---------------------------|----------|
| September 28, 1953. | Duration: | 7½ hours |
| | Static water level: | flows |
| | Drawdown: | 21 feet |
| | Yield: | 127 gpm |

N-4150. (B-7) United States Geological Survey, (Out-Post Well), south of Merrick Road and west of Buffalo Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., February 2, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Bog | 9 | 12 |
| Coarse brown sand, grit and gravel | 10 | 22 |
| Coarse gray sandy grit, gravel and lumps of clay | 16 | 38 |
| Fine gray sandy clay and streaks of solid clay | 7 | 45 |
| Layers of fine gray sand and clay | 6 | 51 |
| Medium coarse gray sand, streaks of lignite | 21 | 72 |
| Fine gray sand, some mica | 7 | 79 |
| Medium coarse gray sand, streaks of clay | 31 | 110 |
| Solid clay, lignite and medium coarse gray sand | 6 | 116 |
| Medium coarse gray sand | 20 | 136 |
| Fine gray sand, some clay and mica | 32 | 168 |
| Medium gray sand, traces of lignite | 9 | 177 |
| Fine gray sand, some clay, layers of lignite | 18 | 195 |
| Solid dark gray clay, layers of lignite | 13 | 208 |
| Medium gray sand, some clay, lignite | 25 | 233 |
| Medium gray sand, layers of solid clay, lignite | 11 | 244 |
| Solid gray clay, layers of fine gray sand | 7 | 251 |
| Fine gray sand, clay, layers of lignite | 14 | 265 |
| Medium gray sand, some clay | 20 | 285 |
| Fine gray sand, mica, layers of clay and lignite | 31 | 316 |
| Layers of solid clay, sandy clay and lignite | 18 | 334 |
| Medium fine gray sand | 31 | 365 |
| Fine gray sand and clay | 11 | 376 |
| Medium fine gray sand, layers of lignite and pyrite | 7 | 383 |
| Fine gray sandy clay, streaks of lignite | 20 | 403 |
| Fine gray sand, streaks of lignite | 41 | 444 |
| Solid gray clay, streaks of sandy clay | 11 | 455 |
| Fine gray sand, mica, streaks of lignite | 15 | 470 |
| Medium fine gray sand | 22 | 492 |

N-4150. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Fine gray sandy clay | 14 | 506 |
| Medium fine gray sand, streaks of lignite | 32 | 538 |
| Gray sandy clay, mica | 30 | 568 |
| Solid gray clay, layers of lignite | 12 | 580 |
| Fine gray sand, clay, mica, streaks of brown clay | 7 | 587 |
| Gray sandy clay, streaks of solid clay | 11 | 598 |
| Fine gray sand, clay, mica | 8 | 606 |
| Solid gray clay, streaks of gray sand | 25 | 631 |
| Medium fine gray sand | 8 | 639 |
| Layers of fine gray sand, sandy clay and lignite | 14 | 653 |
| Medium fine gray sand, streaks of lignite | 8 | 661 |
| Coarse gray sand, grits, some clay | 6 | 667 |
| Solid gray clay | 14 | 681 |
| Coarse gray sand, grit, some clay (very dirty) | 22 | 703 |
| Fine gray sand | 10 | 713 |
| Medium coarse gray sand | 17 | 730 |
| Coarse gray sand, gravel, layers of solid clay | 23 | 753 |
| Solid gray clay | 12 | 765 |
| Fine gray sandy clay, mica | 17 | 782 |
| Medium gray sand, mica, some clay | 11 | 793 |
| Solid hard multi-color clay | 32 | 825 |

Casing: 15, 10 and 6 inches.

Screen: 15 $\frac{1}{3}$ feet of 6 inch with bottom at 745 feet.

Pumping test:

February 1, 1954. Duration: 1 day 6 hours
Static water level: 4 feet above grade
Drawdown: 37 feet
Yield: 340 gpm

N-4151. (C-5) Jasco Aluminum Products Corporation, south of Jericho Turnpike and west of Nassau Terminal Road, New Hyde Park. Drilled by Mathies Well & Pump Co., Inc., April 13, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Loam | 3 | 4 |
| Coarse sand and gravel | 65 | 69 |

Casing: 4 inches.

Screen: 5 feet of 3 $\frac{3}{4}$ inch with bottom at 67 feet.

Pumping test:

April 13, 1953. Duration: 2 hours
Static water level: 36 $\frac{1}{3}$ feet
Drawdown: 7 feet
Yield: 60 gpm

N-4153. (C-6) First Federal Savings & Loan Association, south of Fulton Avenue and west of High Street, Hempstead. Drilled by Eastern Well & Pump Co., May 22, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Pit | 10 | 10 |
| Sand and gravel | 44 | 54 |

(Continued on next page)

N-4153. (*Continued*)

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 54 feet.

Pumping test:

May 22, 1953. Duration: 3 hours
Static water level: 5 feet
Yield: 150 gpm

N-4154. (D-7) A. Allen, north of John Street and west of Cantiague Road, Westbury. Drilled by Fred Habenicht & Sons, April 24, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Very coarse sand | 21 | 37 |
| Yellow sand | 54 | 91 |
| Dry blue clay | 2 | 93 |
| Hard-packed brown coarse gravel | 5 | 98 |
| Well point | 3 | 101 |

Casing: 4 inches.

Screen: 3 feet of 2 inch with bottom at 101 feet.

Pumping test:

April 21, 1953. Duration: 3 hours
Static water level: 79 feet
Yield: 4 gpm

N-4173. (D-5) Sperry Gyroscope Company, south of Marcus Avenue and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., July 1, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Sand and boulders | 67 | 67 |
| Brown sand and boulders | 26 | 93 |
| Clay | 3 | 96 |
| Streaks of sand and clay | 10 | 106 |
| Sand and gravel | 12 | 118 |
| Clay | 4 | 122 |
| Streaks of sand and gravel | 36 | 158 |
| Streaks of sand and clay | 46 | 204 |
| Sand and gravel | 51 | 255 |
| Sand, gravel and clay | 22 | 277 |

Casing: 30 inches.

Screen: 30 feet of 12 inch with bottom at 255 feet.

Pumping test:

July 1, 1954. Duration: 8 hours
Static water level: 64 feet
Drawdown: 36 feet
Yield: 1190 gpm

N-4175. (D-8) J. Geracci, Kenner Road and Evergreen Street, Bethpage. Drilled by Fred Habenicht & Sons, May 19, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and pebbles | 35 | 37 |

N-4175. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Very coarse sand | 12 | 49 |
| White sand and gravel | 12 | 61 |
| Coarse yellow sand and pebbles | 4 | 65 |
| Well point | 4 | 69 |

Casing: 4 inches.

Screen: 4 feet of 2 inch with bottom at 68 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 18, 1953. Duration: | 2 hours |
| Static water level: | 54 feet |
| Yield: | 4 gpm |

N-4176. (C-8) Corte's Restaurant, east of Broadway at South Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., October 6, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Top soil | 4 | 4 |
| Coarse white sand and gravel | 34 | 38 |
| Dark, rusty sand and gravel | 6 | 44 |
| White and brown sand and gravel | 116 | 160 |
| Coarse sand | 18 | 178 |
| Fine white sand | 10 | 188 |
| Coarse white gravel | 10 | 198 |
| Sand and gravel | 9 | 207 |
| Gray clay | 14 | 221 |
| Fine sand | 76 | 297 |
| Fine white sand | 8 | 309 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 309 feet.

Pumping test:

| | |
|-------------------------------|----------|
| July 2, 1953. Duration: | 2 hours |
| Static water level: | 43½ feet |
| Drawdown: | 27 feet |
| Yield: | 60 gpm |

N-4178. (C-6) Long Island Lighting Co., Old Country Road, Mineola. Drilled by Eastern Well & Pump Co., July 9, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Basement | 14 | 14 |
| Medium to coarse brown sand | 70 | 84 |

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 83 feet.

Pumping test:

| | |
|-------------------------------|----------|
| July 9, 1953. Duration: | 4 hours |
| Static water level: | 16¾ feet |
| Yield: | 270 gpm |

N-4180. (D-7) New Cassel Blouse Co., south of Grand Boulevard and east of Covert Street, New Cassel. Drilled by Eastern Well & Pump Co., June 15, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Brown, dirty sand and clay | 2 | 2 |
| Coarse brown sand and grit | 3 | 5 |
| Coarse brown sand, grit and gravel | 17 | 22 |
| Hard, brown solid clay | 8 | 30 |
| Very fine sandy brown clay and silt | 13 | 43 |
| Heavy layer of hardpan | 2 | 45 |
| Fine to medium dirty sand, some clay, hardpan grits | 4 | 49 |
| Fine brown sand, lumps clay and mica | 3 | 52 |
| Very fine, silty brown sand | 3 | 55 |
| Solid brown clay | 2 | 57 |
| Dirty, fine, brown sand | 4 | 61 |
| Fine to medium light brown sand | 2 | 63 |
| Dirty, brown sand, mica, hardpan and clay | 10 | 73 |
| Solid brown clay | 3 | 76 |
| Fine to medium brown sand, fairly clean and sharp | 14 | 90 |
| Solid, grayish-brown clay | 2 | 92 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 92 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 15, 1953. Duration: | 2 hours |
| Static water level: | 30 feet |
| Yield: | 69 gpm |

N-4182. (C-6) Raceway Diner, north of Old Country Road and west of Albany Avenue, Westbury. Drilled by Fred Habenicht & Sons, June 1, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Sand | 56 | 56 |
| Clay at this level | | 56 |

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 56 feet.

Pumping test:

| | |
|-------------------------------|---------|
| June 1, 1953. Duration: | 4 hours |
| Static water level: | 41 feet |
| Yield: | 15 gpm |

N-4193. (E-7) Joe Dee's, north of E. Main Street and east of South Street, Oyster Bay. Drilled by E. K. Hutchinson & Son, March 25, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------|---------------------|-----------------|
| Loam and gravel | 20 | 20 |
| Fine sand and gravel | 30 | 50 |
| Clay | 25 | 75 |
| Sand and gravel | 25 | 100 |

Casing: 6 inches.

Screen: 10 feet of 5 $\frac{5}{8}$ inch with bottom at 96 feet.

Pumping test:

| | |
|-------------------------------|---------|
| June 3, 1953. Duration: | 2 hours |
| Static water level: | 4 feet |
| Drawdown: | 24 feet |
| Yield: | 100 gpm |

N-4199. (D-8) Harry Ernenwein, Old Country Road and Round Swamp Road, Plainview.
Drilled by Mathies Well & Pump Co., Inc., June 19, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Medium clean sand | 60 | 60 |
| Medium sand, few gravel and clay balls | 19 | 79 |
| Coarse sand and gravel | 25 | 104 |
| Hardpan | 6 | 110 |
| Fine sandy clay | 14 | 124 |
| Fine red sand and lumps of clay | 7 | 131 |
| Very fine red sand and lumps of clay | 6 | 137 |

Casing: 4 inches.

Screen: 6 feet of 1 $\frac{1}{8}$ inch with bottom at 131 feet.

Pumping test:

| | |
|-------------------------------|----------|
| June 1, 1953. Duration: | 4 hours |
| Static water level: | 102 feet |
| Drawdown: | 2 feet |
| Yield: | 12 gpm |

N-4201. (C-6) Frostland, north of North Franklin Avenue and west of Long Island Railroad, Hempstead. Drilled by Fred Habenicht & Sons, September 6, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Well pit | 6 | 6 |
| Sand and gravel (gas odor present) | 26 | 32 |
| Black sand | 10 | 42 |

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 42 feet.

Pumping test:

| | |
|------------------------------------|---------|
| September 3, 1953. Duration: | 3 hours |
| Static water level: | 12 feet |
| Drawdown: | 10 feet |
| Yield: | 40 gpm |

N-4206. (D-6) Carle Place Water District, north of Asbury Avenue and west of Cherry Lane, Carle Place. Drilled by Layne-New York Co., Inc., August 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Heavy gravel | 59 | 59 |
| Yellow clay and sand | 100 | 159 |
| Black and gray clay | 8 | 167 |
| Gray clay and sand | 41 | 208 |
| Sandy clay | 24 | 232 |
| Sand and gravel | 6 | 238 |
| Sand, gravel and streaks clay (white) | 32 | 270 |
| Sand and gravel | 8 | 278 |
| Clay | 2 | 280 |
| Sandy clay | 10 | 290 |
| White clay | 6 | 296 |
| Coarse gravel and sand | 62 | 358 |
| Sandy clay | 10 | 368 |

(Continued on next page)

N-4206. (*Continued*)

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 355 feet.

Pumping test:

| | | |
|---------------------------|-------|----------|
| August 5, 1954. Duration: | ..... | 8 hours |
| Static water level: | ..... | 31 feet |
| Drawdown: | ..... | 29 feet |
| Yield: | ..... | 1000 gpm |

N-4210. (C-7) Philip Cohen & Sons, northeast of Jerusalem Road and Ennebrok Road, East Meadow. Drilled by Eastern Well & Pump Co., December 8, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Basement | 7 | 7 |
| Sand and gravel | 29 | 36 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

| | | |
|------------------------------|-------|---------|
| November 30, 1953. Duration: | ..... | 2 hours |
| Static water level: | ..... | 8 feet |
| Yield: | ..... | 69 gpm |

N-4214. (C-6) Olton Realty Corporation, east of Old Country Road and south of Washington Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., July 20, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Coarse sand and heavy gravel | 55 | 55 |
| Fine sand and some gravel | 13 | 68 |

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

| | | |
|--------------------------|-------|----------|
| July 20, 1953. Duration: | ..... | 6 hours |
| Static water level: | ..... | 34½ feet |
| Drawdown: | ..... | 4½ feet |
| Yield: | ..... | 80 gpm |

N-4215. (D-6) Levitt & Sons, Inc., north of Club Drive and east of Field Lane, Roslyn. Drilled by Mathies Well & Pump Co., Inc., May 10, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Coarse sand and gravel | 94 | 96 |
| Lumps of white clay and fine sand | 1 | 97 |
| Fine sand — clean and lively | 7 | 104 |

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 103 feet.

Pumping test:

| | | |
|------------------------|-------|---------|
| May 10, 1954. Duration | ..... | 4 hours |
| Static water level: | ..... | 52 feet |
| Yield: | ..... | 150 gpm |

N-4218. (C-6) Joseph H. Cohen, south of Hempstead Turnpike and east of Peach Grove Drive, West Hempstead. Drilled by Eastern Well & Pump Co., September 17, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------------|-------------------------------------|
| Pit | 7 | 7 |
| Sand and gravel | 27 | 34 |
| Casing: 4 inches. | | |
| Screen: 4 feet of 4 inch with bottom at 34 feet. | | |
| Pumping test: | | |
| September 17, 1953. | Duration: | 2 hours |
| | Static water level: | 12 ³ / ₄ feet |
| | Yield: | 30 gpm |

N-4220. (D-6) Roslyn Savings Bank, south of Northern Boulevard and west of Broadway, Roslyn. Drilled by Eastern Well & Pump Co., December 8, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Solid brown clay | 2 | 5 |
| Brown sand and gravel | 19 | 24 |
| Casing: 6 inches. | | |
| Screen: 4 feet of 4 inch with bottom at 23 feet. | | |
| Pumping test: | | |
| December 8, 1953. Duration: | 2 hours | |
| Static water level: | | 5 feet |
| Yield: | | 25 gpm |

N-4221. (C-7) Leider Shop Park, Inc., south of Hempstead Turnpike and west of Gardiners Avenue, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 24, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 41 | 41 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 41 feet. | | |
| Pumping test: | | |
| July 24, 1953. Duration: | | 2 hours |
| Static water level: | | 12 feet |
| Drawdown: | | 7 feet |
| Yield: | | 75 gpm |

N-4223. (D-5) Port Washington Water District, south of Wakefield Avenue and west of Emerson Court, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam, large gravel and nigger heads | 10 | 11 |
| Coarse brown sand, grits, gravel, boulders | 21 | 32 |
| Coarse brown sand, large gravel and lumps of clay | 7 | 39 |
| Coarse brown sand and large gravel | 20 | 59 |
| Solid gray clay | 9 | 68 |

(Continued on next page)

N-4223. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Layers of medium coarse gray sand and clay | 15 | 83 |
| Solid gray clay | 18 | 101 |
| Medium coarse sand, grits and gravel | 35 | 136 |
| Fine brown sand and streaks of clay | 29 | 165 |
| Streaks of solid brown clay and sand | 9 | 174 |
| Medium fine brown sand | 12 | 186 |
| Fine brown sand and streaks of clay | 9 | 195 |
| Medium fine brown sand | 4 | 199 |
| Medium coarse brown sand, grits and gravel | 128 | 327 |
| Solid gray clay streaks, medium coarse sand | 4 | 331 |
| Coarse brown sands, grits, gravel, clay | 9 | 340 |
| Streaks fine sand, sandy clay, solid clay | 6 | 346 |
| Fine brown sand | 5 | 351 |
| Fine white sand, some clay | 6 | 357 |
| Medium fine brown sand | 13 | 370 |
| Solid light gray, streaks sandy clay | 6 | 376 |
| Fine gray sandy clay | 5 | 381 |
| Medium fine brown sand, some clay | 5 | 386 |
| Solid multi-color clay | 35 | 421 |
| Pink sandy clay | 17 | 438 |
| Solid multi-color clay | 38 | 476 |
| Layers hardpan, medium coarse | 27 | 503 |
| Brown sand and clay | 4 | 507 |
| Solid light gray clay | 3 | 510 |

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 330 feet.

Pumping test:

| | | |
|---------------------------------|-----|-------|
| March 27, 1954. Duration: | 8 | hours |
| Static water level: | 172 | feet |
| Drawdown: | 20½ | feet |
| Yield: | 700 | gpm |

N-4225. (C-7) Israel Community Center, north of Hempstead Turnpike and west of Jerusalem Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., August 11, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Sand, clay, grits | 2 | 2 |
| Sand, grits, gravel | 39 | 41 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

| | | |
|--------------------------------|----|-------|
| July 22, 1953. Duration: | 2 | hours |
| Static water level: | 27 | feet |
| Yield: | 30 | gpm |

N-4226. (B-6) Ross Court, south of Sunrise Highway and west of Lewis Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., July 31, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Coarse brown sand and gravel | 30 | 30 |
| Very fine brown sand | 8 | 38 |
| Coarse brown sand and gravel | 15 | 53 |
| Fine brown sand | | below 53 |

N-4226. (*Continued*)

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 52 feet.

Pumping test:

| | | |
|--------------------------|-------|---------|
| July 24, 1953. Duration: | ..... | 2 hours |
| Static water level: | ..... | 13 feet |
| Drawdown: | ..... | 9 feet |
| Yield: | ..... | 85 gpm |

N-4228. (B-5) Beth Sholom Congregation, south of Broadway and west of Washington Avenue, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 25, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Medium coarse light brown sand and some gravel | 8 | 13 |
| Medium fine light brown sand | 3 | 16 |
| Medium coarse light brown sand and plenty of gravel | 7 | 23 |
| Medium fine light brown sand and some gravel | 17 | 40 |
| Coarse brown sand, gravel and clay | | below 40 |

Casing: 4 inches.

Screen: 10½ feet of 4 inch with bottom at 40 feet.

Pumping test:

| | | |
|--------------------------|-------|---------|
| July 28, 1953. Duration: | ..... | 4 hours |
| Static water level: | ..... | 11 feet |
| Drawdown: | ..... | 9 feet |
| Yield: | ..... | 60 gpm |

N-4229. (D-6) Sam Kuttner, north of Westwood Circle and east of Power House Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., August 10, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Pit | 5 | 5 |
| Coarse sand, dirty gravel and large stones | 10 | 15 |
| Coarse sand, clean gravel and large stones | 23 | 38 |
| Coarse sand, gravel and large stones with clay | 25 | 63 |
| Coarse sand, gravel and large stones | 28 | 91 |
| Coarse sand and gravel (clean) | 20 | 111 |
| Medium sand, grits and clean gravel | 14 | 125 |

Casing: 6 inches.

Screen: 5 feet of 5½ inch with bottom at 119½ feet.

Pumping test:

| | | |
|----------------------------|-------|---------|
| August 10, 1953. Duration: | ..... | 2 hours |
| Static water level: | ..... | 94 feet |
| Drawdown: | ..... | 7 feet |
| Yield: | ..... | 72 gpm |

N-4231. (D-6) Westbury Valet Co., Inc., north of Long Island Railroad and west of Post Avenue, Westbury. Drilled by C. W. Lauman & Co., Inc., January 30, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Coarse brown sand and gravel | 21 | 25 |
| Medium coarse brown sand and some gravel | 12 | 37 |

(Continued on next page)

N-4231. (*Continued*)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 37 feet.

Pumping test:

| | | |
|---------------------------------|----|-------|
| August 8, 1953. Duration: | 2 | hours |
| Static water level: | 18 | feet |
| Drawdown: | 6½ | feet |
| Yield: | 30 | gpm |

N-4232. (E-7) Robert Pittis, Cove Neck Road and Private Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., November 4, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Loam | 5 | 5 |
| Sandy clay and stones | 13 | 18 |
| Medium fine sand, mica, very few grits | 14 | 32 |
| Coarse sand, grits | 16 | 48 |
| Coarse sand, grits and gravel | 6 | 54 |
| Traces of clay with heavy gravel and stones at | | 54 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 54 feet.

Pumping test:

| | | |
|-----------------------------------|----|-------|
| October 31, 1953. Duration: | 2 | hours |
| Static water level: | 9 | feet |
| Drawdown: | 17 | feet |
| Yield: | 60 | gpm |

N-4233. (C-5) Dans Supreme Super Market Inc., east of North Central Avenue and north of Hendrickson Avenue, Valley Stream. Drilled by Eastern Well & Pump Co.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Clean sharp medium coarse sand, some gravel | 33 | 33 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:

| | | |
|--------------------------------|----|-------|
| July 28, 1953. Duration: | 2 | hours |
| Static water level: | 6½ | feet |
| Yield: | 60 | gpm |

N-4237. (B-6) Otto Winther, c/o Associated Food Stores, south of St. Marks Avenue and west of Atlantic Avenue, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 28, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Top soil | 1 | 2 |
| Coarse sand and gravel | 2 | 4 |
| Coarse sand | 26 | 30 |

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 28¾ feet.

Pumping test:

| | | |
|--------------------------------|----|-------|
| July 28, 1953. Duration: | 2 | hours |
| Static water level: | 7 | feet |
| Yield: | 72 | gpm |

N-4243. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., August 28, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Clay | 10 | 10 |
| Boulders | 4 | 14 |
| Hardpan | 23 | 37 |
| Sand, gravel and boulders | 54 | 91 |
| Clay | 18 | 109 |
| Clay and some sand | 30 | 139 |
| Fine sand and clay | 41 | 180 |
| Clay | 14 | 194 |
| Coarse sand and gravel | 63 | 257 |
| Sand, gravel and clay | 18 | 275 |

Casing: 30 inches.

Screen: 50 feet of 12 inch with bottom at 255 feet.

Pumping test:

August 28, 1953. Duration: 8 hours
Static water level: 71 feet
Drawdown: 17 feet
Yield: 1056 gpm

N-4245. (D-7) Jericho Water District, south of Jericho Turnpike and west of Mead Lane, Jericho. Drilled by Layne-New York Co., Inc., February 17, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand, gravel and boulders | 150 | 150 |
| Sand, gravel and clay | 220 | 370 |
| Clay | 17 | 387 |
| Hard sand and clay | 32 | 419 |
| Clay | 12 | 431 |
| Sandy clay | 19 | 450 |
| Sand | 58 | 508 |
| Sandy clay | 10 | 518 |
| Sand and gravel | 49 | 567 |
| Clay | 5 | 572 |
| Sandy clay | 33 | 605 |

Casing: 18 inches.

Screen: 40 feet of 12 inch with bottom at 605 feet.

Pumping test:

November 12, 1953. Duration: 8 hours
Static water level: 150 feet
Drawdown: 43 feet
Yield: 1319 gpm

N-4246. (D-7) Jericho Water District, south of Robbins Lane and west of Fox Lane, Jericho. Drilled by Layne-New York Co., Inc., November 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil and sandy clay | 9 | 9 |
| Coarse sand, gravel, large boulders | 31 | 40 |
| Coarse yellow sand and gravel | 35 | 75 |

(Continued on next page)

N-4246. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel streaks, clay and boulders | 25 | 100 |
| Coarse sand and heavy gravel | 20 | 120 |
| Brown and white sand and gravel | 10 | 130 |
| Cemented gravel and boulders | 10 | 140 |
| Coarse sand and gravel | 20 | 160 |
| Brown clay | 4 | 164 |
| Fine yellow sand, thin streaks of clay | 30 | 194 |
| Tough blue clay | 26 | 220 |
| Hard white sandy clay | 30 | 250 |
| Fine sand and white clay gravel | 21 | 271 |
| Fine sand, gravel | 9 | 280 |
| Clay | 10 | 290 |
| Medium coarse sand | 21 | 311 |
| White clay | 13 | 324 |
| Fine to coarse white sand, clay streaks | 16 | 340 |
| White clay, sand and gravel | 18 | 358 |
| Coarse sand and gravel | 12 | 370 |
| White sand, streaks of white clay | 30 | 400 |
| Coarse sand and fine gravel | 14 | 414 |
| Coarse white sand and gravel, streaks of white clay | 41 | 455 |
| White clay | 4 | 459 |
| Black clay | 6 | 465 |

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 453 feet.

Pumping test:

| | | |
|---------------------------------------------|------|------|
| November 5, 1954. Static water level: | 110 | feet |
| Drawdown: | 36 | feet |
| Yield: | 1140 | gpm |

N-4249. (B-5) West Long Beach Sewer District, north of Bay Boulevard and east of Second Street, Atlantic Beach. Drilled by Mathies Well & Pump Co., Inc., August 11, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------|---------------------|-----------------|
| Beach sand | 25 | 25 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

| | | |
|----------------------------------|----|-------|
| August 11, 1953. Duration: | 2 | hours |
| Static water level: | 8½ | feet |
| Drawdown: | 6½ | feet |
| Yield: | 60 | gpm |

N-4257. (B-5) Congregation Sons of Israel, north of Central Avenue and west of Irving Place, Woodmere. Drilled by Mathies Well & Pump Co., Inc., April 24, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Heavy gravel and fine sand | 3 | 8 |
| Fine sand and large stones | 3 | 11 |
| Coarse sand and gravel | 24 | 35 |
| Fine sand and trace of clay | 55 | 90 |
| Black clay | 30 | 120 |
| Fine sand and clay | 1 | 121 |

N-4257. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Green clay | 2 | 123 |
| Medium sand and small grits | 9 | 132 |
| Coarse sand and grits | 11 | 143 |
| Medium sand—black specks | 2 | 145 |
| Casing: 6 inches. | | |
| Screen: 12 feet of 6 inch with bottom at 143 feet. | | |
| Pumping test: | | |
| September 22, 1954. Duration: | 8 hours | |
| Static water level: | 23 feet | |
| Drawdown: | 19 feet | |
| Yield: | 150 gpm | |

N-4258. (B-5) J. Bernstein, east of Huntly Place and north of Herford Street, Hewlett. Drilled by Eastern Well & Pump Co., September 16, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sandy loam | 2 | 2 |
| Sand and gravel | 11 | 13 |
| Fine gray sand, few gravel | 10 | 23 |
| Light brown sand and gravel | 28 | 51 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 50½ feet. | | |
| Pumping test: | | |
| September 16, 1953. Duration: | 2 hours | |
| Static water level: | 17½ feet | |
| Yield: | 50 gpm | |

N-4262. (C-7) Henry Knabbe, south of Red Maple Drive and east of Wantagh Avenue, Wantagh. Drilled by Eastern Well & Pump Co., September 10, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 24 | 24 |
| Casing: 4 inches. | | |
| Screen: 4 feet of 4 inch with bottom at 24 feet. | | |
| Pumping test: | | |
| September 10, 1953. Duration: | 2 hours | |
| Static water level: | 10 feet | |
| Yield: | 25 gpm | |

N-4265. (D-6) Roslyn Water District, north of Garvan-Whitney Phipps Road and east of Glen Cove Road, Roslyn. Drilled by Layne-New York Co., Inc., August 12, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Hardpan and boulders | 25 | 25 |
| Sand, gravel and boulders | 110 | 135 |
| Sand, gravel and clay | 19 | 154 |
| Clay | 9 | 163 |
| Sand, gravel and streaks clay | 33 | 196 |
| Sandy clay and hard clay | 81 | 277 |

(Continued on next page)

N-4265. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Sand and gravel | 15 | 292 |
| Clay | 6 | 298 |
| Sand and gravel | 41 | 339 |
| Red clay | 4 | 343 |
| Sand and gravel | 8 | 351 |
| Clay | 32 | 383 |
| Sand and gravel | 21 | 404 |
| Clay | 12 | 416 |
| Coarse sand and fine gravel | 72 | 488 |
| Sand, gravel and clay | 15 | 503 |

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 485 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 12, 1954. Duration: | 8 hours |
| Static water level: | 126 feet |
| Drawdown: | 35 feet |
| Yield: | 1000 gpm |

N-4266. (D-5) United States Geological Survey (Outpost Well), south of Piccadilly Road and east of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 4, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam | 4 | 5 |
| Medium coarse brown sand, large gravel | 56 | 61 |
| Solid brown clay and streaks of sandy clay | 7 | 68 |
| Solid gray clay, streaks of medium fine sand | 6 | 74 |
| Medium fine brown sand, layers of sandy clay | 19 | 93 |
| Solid gray clay | 16 | 109 |
| Fine brown sand | 8 | 117 |
| Solid brown clay | 17 | 134 |
| Fine brown sandy clay, mica, layers of fine brown sand | 24 | 158 |
| Medium fine brown sand, mica | 7 | 165 |
| Fine brown sand, mica (dirty) | 8 | 173 |
| Fine brown sandy clay, mica, streaks of fine brown sand | 20 | 193 |
| Fine brown sand, mica (dirty) | 19 | 212 |
| Solid hard gray clay, few pieces of gravel | 21 | 233 |
| Hard gray clay, layers of lignite | 15 | 248 |
| Hard gray rock | 3 | 251 |
| Solid hard gray and red clay | 47 | 298 |
| Solid brown clay | 9 | 307 |
| Medium brown sand, streaks of sandy and solid clay | 18 | 325 |
| Solid light gray clay | 11 | 336 |
| Medium brown sand, grits, some clay | 8 | 344 |
| Medium coarse brown sand, layers of solid gray clay | 10 | 354 |
| Very fine brown sand, clay, mica, layers of solid clay | 15 | 369 |
| Layers of solid gray clay, gray sandy clay with grits and gravel | 11 | 380 |
| Coarse brown sand, gravel, small amount of clay | 7 | 387 |
| Medium fine brown sand, layers of gray clay | 7 | 394 |
| Solid gray clay | 6 | 400 |
| Coarse brown sand, grit and gravel | 5 | 405 |
| Brown clay and sandy clay | 3 | 408 |
| Decayed rock | 67 | 475 |

Casing: 10 inches.

Screen: 15 $\frac{3}{4}$ feet of 6 inch with bottom at 392 $\frac{1}{2}$ feet.

N-4266. (*Continued*)

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| November 29, 1954. | Duration: | 24 hours |
| | Static water level: | 48 feet |
| | Drawdown: | 63 feet |
| | Yield: | 113 gpm |

N-4267. (B-6) Associated Food Stores, south of Lakeview Avenue and east of Long Beach Road, Rockville Centre. Drilled by Fred Habenicht & Sons, November 14, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 51 | 51 |

Casing: 4 inches.

Screen: 10 feet of 3 $\frac{3}{4}$ inch with bottom at 51 feet.

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| November 14, 1953. | Duration: | 8 hours |
| | Static water level: | 9 feet |
| | Drawdown: | 12 feet |
| | Yield: | 61 gpm |

N-4269. (B-5) Associated Food Stores, west of Broadway and north of South Broadway, Hewlett. Drilled by Fred Habenicht & Sons, October 22, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Sand, pebbles | 17 | 17 |
| Coarse sand | 16 | 33 |
| Gray dry clay | 16 | 49 |
| Light yellow clay and wet sand | 8 | 57 |
| Dirty coarse yellow sand | 16 | 73 |
| Red clay | 8 | 81 |

Casing: 4 inches.

Screen: 8 feet of 3 $\frac{3}{4}$ inch with bottom at 73 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| October 11, 1953. | Duration: | 3 hours |
| | Static water level: | 19 feet |
| | Drawdown: | 11 feet |
| | Yield: | 68 gpm |

N-4271. (C-8) Massapequa Market, Inc., north of Brooklyn Avenue and west of Ocean Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 23, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 40 | 40 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

N-4274. (B-5) A. Messinger, north of Briarwood Crossing and west of Long Drive, Lawrence. Drilled by Eastern Well & Pump Co., November 23, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Light brown sand and gravel | 12 | 15 |
| Fine light brown sand, rusty gravel | 10 | 25 |
| Fine dirty brown sand with layers of brown clay | 10 | 35 |
| Fine to medium brown sand, few grits and gravel. Washes clean | 35 | 70 |

Casing: 6 inches.

Screen: 10½ feet of 4 inch with bottom at 70 feet.

Pumping test:

November 23, 1953. Duration: 2 hours
Static water level: 13½ feet
Yield: 69 gpm

N-4298. (C-5) Jamaica Water Supply Co., north of Cisney Avenue and west of Gilbert Court, Floral Park. Drilled by Layne-New York Co., Inc.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Sand and gravel | 74 | 74 |
| Hard streak | 1 | 75 |
| Sand and gravel | 15 | 90 |
| Sand and clay (various colors) | 42 | 132 |
| Brown sand | 36 | 168 |
| Clay, coarse sand | 22 | 190 |
| Clay and fine sand | 13 | 203 |
| Coarse sand and clay | 32 | 235 |
| Sand and gravel | 9 | 244 |
| Fine sand and clay | 13 | 257 |
| Sand and gravel | 26 | 283 |
| Sand and clay | 35 | 318 |
| Sand and clay balls | 27 | 345 |
| Coarse sand and gravel | 39 | 384 |
| Sand and clay | 6 | 390 |

Casing: 18 and 12 inches.

Screen: 35 feet of 12 inch with bottom at 384 feet.

Pumping test:

October 16, 1953. Duration: 8 hours
Static water level: 30 feet
Drawdown: 53 feet
Yield: 1500 gpm

N-4300. (C-7) Jamison Plastics, south of Jerusalem Avenue and east of Newbridge Road, North Bellmore. Drilled by C. W. Lauman & Co., Inc., April 15, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fill and roots | 6 | 6 |
| Top soil | 2 | 8 |
| Gray clay and stones | 2 | 10 |
| Fine to coarse sand, grits and gravel | 20 | 30 |
| Fine to coarse sand, grits, gravel and graduated stones | 31 | 61 |

N-4300. (*Continued*)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 61 feet.

Pumping test:

October 23, 1953. Duration: 7 hours

Static water level: 8 feet

Drawdown: 20 feet

Yield: 220 gpm

N-4301. (D-7) Robert W. Bogart, north of Chestnut Street and west of Elm Street, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 16, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Top soil, loam and stones | 4 | 4 |
| Coarse light brown sand and plenty gravel | 69 | 73 |
| Coarse brown sand and plenty gravel | 15 | 88 |
| Fine light brown sand and some clay | 3 | 91 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 87 feet.

Pumping test:

October 9, 1953. Duration: 1 hour

Static water level: 71 feet

Drawdown: 5 feet

Yield: 20 gpm

N-4308. (D-6) George Smith, c/o Linaco Building Corporation, north of Park Avenue and east of Magnolia Street, Westbury. Drilled by Mathies Well & Pump Co., Inc., November 13, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Heavy gravel | 29 | 29 |
| Yellow clay and some sand | 5 | 34 |
| Coarse sand and chunks of yellow clay | 25 | 59 |
| Solid yellow clay | 9 | 68 |
| Fine sand and light red clay | 4 | 72 |
| Coarse white sand | 5 | 77 |

Casing: 4 inches.

Screen: 2½ feet of 4 inch with bottom at 76½ feet.

Pumping test:

November 13, 1953. Duration: 4 hours

Static water level: 50 feet

Drawdown: 6 feet

Yield: 10 gpm

N-4310. (B-5) Union Free School District No. 20, south of Cail Drive and west of Pepperidge Road, Bay Park. Drilled by C. W. Lauman & Co., Inc., October 24, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Coarse brown sand and gravel | 19 | 21 |
| Fine light brown sand | 3 | 24 |
| Medium coarse brown sand, some grits and gravel | 7 | 31 |

(Continued on next page)

N-4310. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Solid gray clay | 5 | 36 |
| Medium coarse brown sand, some grits and gravel | 10 | 46 |
| Coarse brown sand and plenty of gravel .. | 18 | 64 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 65 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| October 24, 1953. Duration: | 8 hours |
| Static water level: | 5 feet |
| Drawdown: | 10 feet |
| Yield: | 80 gpm |

N-4311. (B-5) Union Free School District No. 20, south of Roosevelt Avenue and east of Carpenter Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 30, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Coarse brown sand and gravel | 13 | 15 |
| Medium fine brown sand and some grits | 7 | 22 |
| Solid clay | 8 | 30 |
| Very fine gray sandy clay | 8 | 38 |
| Solid gray clay | 6 | 44 |
| Medium coarse gray sand and clay (no life) | 3 | 47 |
| Fine gray sand, some gravel and clay (no life) | 7 | 54 |
| Medium coarse brown sand, some grits and clay | 2 | 56 |
| Solid gray clay | 18 | 74 |
| Fine sandy clay | 12 | 86 |
| Very fine light gray sandy clay (no life) | 16 | 102 |
| Fine light brown sand (no life) | 13 | 115 |
| Fine gray sandy clay (no life) | 29 | 144 |
| Fine dark gray sand and some clay | 9 | 153 |
| Solid dark gray clay | 2 | 155 |
| Fine gray sand, some stones, clay and lignite (no life) | 71 | 226 |
| Fine dark gray sand, some clay and fine stones (no life) | 3 | 229 |
| Dark gray clay | 7 | 236 |
| Very fine gray sandy clay | 4 | 240 |
| Dark gray clay | 14 | 254 |
| Very fine hard gray sandy clay | 8 | 262 |
| Very fine gray sandy clay | 24 | 286 |
| Gray clay and some stones | 37 | 323 |
| Fine gray sandy clay | 11 | 334 |
| Hard sandy clay and stones | 17 | 351 |
| Solid gray clay | 98 | 449 |
| Fine gray sandy clay (no life) | 6 | 455 |
| Solid white clay | 4 | 459 |
| Gray clay and some stones | 28 | 487 |
| Medium fine gray sand and some clay | 5 | 492 |
| Medium fine light gray sand and some clay (active) | 23 | 515 |
| Coarse light gray sand and some grits | 7 | 522 |
| Medium light gray sand | 3 | 525 |
| Coarse light gray sand and some grits | 6 | 531 |

Casing: 6 inches.

Screen: 16 feet of 4 inch with bottom at 531 feet.

N-4311. (*Continued*)

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| December 30, 1953. | Duration: | 4 hours |
| | Static water level: | 16 feet |
| | Drawdown: | 10 feet |
| | Yield: | 90 gpm |

N-4312. (B-5) Union Free School District No. 20, south of Atlantic Avenue and east of Union Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 28, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Medium coarse yellow sand and gravel | 19 | 19 |
| Fine gray muddy sand mixed with gravel and soft clay | 23 | 42 |
| Medium coarse gray sand, some gravel | 18 | 60 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 60 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| October 28, 1953. | Duration: | 8 hours |
| | Static water level: | 15 feet |
| | Drawdown: | 6 feet |
| | Yield: | 72 gpm |

N-4313. (B-5) Union Free School District No. 20, south of Clark Avenue and east of Sherman Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 26, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Sandy loam | 4 | 8 |
| Coarse dark brown sand and grits | 7 | 15 |
| Medium fine light brown sand | 23 | 38 |
| Medium coarse light brown sand and gravel (active) | 18 | 56 |
| Fine white sand and some clay | | below 56 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 56 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| October 26, 1953. | Duration: | 8 hours |
| | Static water level: | 10 feet |
| | Drawdown: | 10 feet |
| | Yield: | 75 gpm |

N-4314. (B-7) W. T. Grant & Co., south of Sunrise Highway and east of Main Street, Freeport. Drilled by C. W. Lauman & Co., Inc., September 22, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Basement | 12 | 12 |
| Fine brown sand and grits | 3 | 15 |
| Medium to coarse brown sand, grits, gravel | 17 | 32 |
| Fine to medium coarse brown sand | 7 | 39 |
| Medium to coarse brown sand, grits, gravel | 5 | 44 |
| Very fine dirty sand, grits, mica | 12 | 56 |
| Very fine dirty sand, grits, mica, streaks of solid clay | 13 | 69 |
| Fine to medium gray sand, mica | 3 | 72 |
| Fine to coarse gray sand, grits, mica, gravel | 5 | 77 |
| Medium to coarse gray sand, grits, lumps of gray clay and lignite | 4 | 81 |

(Continued on next page)

N-4314. (*Continued*)

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 40 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| October 27, 1953. Duration: | 2 hours |
| Static water level: | 16 feet |
| Drawdown: | 14 feet |
| Yield: | 95 gpm |

N-4323. (B-5) Emanuel Austern, north of Broadway and west of West Broadway, Hewlett. Drilled by Eastern Well & Pump Co., April 4, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Top soil, clay, dirty sand and gravel | 5 | 5 |
| Fine white sand and gravel | 7 | 12 |
| Clean light brown sand, some gravel | 4 | 16 |
| Fine gray-white sand, some gravel | 2 | 18 |
| Coarse gray sand, few gravel | 2 | 20 |
| Clean coarse light brown sand and gravel | 10 | 30 |
| Solid brown hard clay | 1 | 31 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 31 feet.

Pumping test:

| | |
|--------------------------------|----------|
| April 4, 1954. Duration: | 2 hours |
| Static water level: | 16½ feet |
| Drawdown: | 1½ feet |
| Yield: | 50 gpm |

N-4324. (B-5) A. Wardell, south of Longwood Crossing and east of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., December 16, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Top soil, dirty clay, dirty sand and gravel | 3 | 3 |
| Clean sand and gravel | 3 | 6 |
| Medium white sand, few stones | 6 | 12 |
| Brown sandy clay | 1 | 13 |
| Medium white sand | 10 | 23 |
| Brown sand and gravel | 6 | 29 |
| Brown sandy clay | 1 | 30 |
| Clean brown sand and gravel | 16 | 46 |
| Dirty brown beach sand, clumps of gray clay | 1 | 47 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46½ feet.

Pumping test:

| | |
|------------------------------------|----------|
| December 16, 1953. Duration: | 2 hours |
| Static water level: | 19½ feet |
| Drawdown: | 7½ feet |
| Yield: | 58 gpm |

N-4327. (D-6) Albertson Water District, south of Hollow Court and west of Green Way, Albertson. Drilled by Layne-New York Co., Inc., July 29, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand, gravel and boulders | 25 | 25 |
| Hardpan | 17 | 42 |

N-4327. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Sand and gravel | 12 | 54 |
| Red-brown, muddy sand | 37 | 91 |
| Clay | 136 | 227 |
| Sand, gravel and clay | 40 | 267 |
| Streaks sand and clay | 38 | 305 |
| Clay | 10 | 315 |
| Sand and clay | 41 | 356 |
| Clay | 4 | 360 |
| Sand and gravel | 12 | 372 |
| Sand and clay | 23 | 395 |
| Sand and gravel | 13 | 408 |
| Clay | 2 | 410 |
| Sand and gravel | 20 | 430 |
| Clay | 2 | 432 |

Casing: 18 inches.

Screen: 60 feet of 10 inch with bottom at 425 feet.

Pumping test:

| | |
|--------------------------------|----------|
| July 29, 1954. Duration: | 8 hours |
| Static water level: | 56 feet |
| Drawdown: | 53 feet |
| Yield: | 1000 gpm |

N-4329. (C-8) Union Free School District No. 23, southeast of Kinsella Avenue, Massapequa.
Drilled by E. K. Hutchinson & Son.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Loam | 10 | 10 |
| Sand and gravel | 50 | 60 |

Casing: 8 inches.

Screen: 20 feet of 7½ inch with bottom at 60 feet.

Pumping test:

| | |
|----------------------------------|---------|
| January 4, 1954. Duration: | 8 hours |
| Static water level: | 7 feet |
| Drawdown: | 23 feet |
| Yield: | 350 gpm |

N-4332. (D-6) Walter J. Black, Inc., south of Northern Boulevard and west of Center Drive,
Roslyn. Drilled by Mathies Well & Pump Co., Inc., April 12, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Brown clay and boulders | 20 | 20 |
| Very heavy gravel | 8 | 28 |
| Brown clay and gravel | 14 | 42 |
| Coarse sand in gravel | 12 | 54 |
| Fine sand and chunks of brown clay | 7 | 61 |
| Solid brown clay | 8 | 69 |
| Coarse sand, grits and chunks of red clay | 7 | 76 |
| Solid red clay | 8 | 84 |
| Solid gray clay | 48 | 132 |
| Brown clay, grits and layer of sand stone | 6 | 138 |
| Yellow clay and fine sand | 4 | 142 |
| Fine white sand | 6 | 148 |

(Continued on next page)

N-4332. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Coarse red sand | 12 | 160 |
| White clay and fine sand | 7 | 167 |
| Coarse white sand and some white clay | 2 | 169 |
| Gray clay and fine sand | 10 | 179 |
| Wood, sand, stones and yellow clay | 13 | 192 |
| Yellow clay and fine sand | 8 | 200 |
| Grits, some chunks of white clay, coarse white sand | 4 | 204 |
| Fine sand and white clay | 6 | 210 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 210 feet.

Pumping test:

April 11, 1954. Duration: 2 hours
Static water level: 147 feet
Yield: 62 gpm

N-4334. (C-6) Tracco Hempstead Inc., (Kleins store), south of Hempstead Turnpike and east of Rockaway Road, West Hempstead. Drilled by C. W. Lauman & Co., Inc April 12, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and gravel | 18 | 18 |
| Medium fine brown sand, some mica | 6 | 24 |
| Coarse brown sand and gravel | 29 | 53 |
| Medium coarse brown sand and grits | 4 | 57 |
| Medium brown fine sand and gravel | 11 | 68 |
| Fine brown sand | 6 | 74 |
| Fine brown sandy clay | 4 | 78 |
| Fine sand, some clay | 6 | 84 |
| Hardpan and fine sand | 11 | 95 |
| Fine gray sand | 2 | 97 |
| Fine gray sand and clay | 3 | 100 |
| Fine gray sand, some clay, lignite, pyrite | 17 | 117 |
| Fine gray sand, lignite, pyrite | 3 | 120 |
| Fine gray sand, pyrite and clay | 4 | 124 |
| Gray sandy clay | 6 | 130 |
| Fine gray sand, clay and pyrite | 7 | 137 |
| Fine gray sand and pyrite | 1 | 138 |
| Fine gray sand, some lignite and pyrite | 9 | 147 |
| Lumps of pyrite and clay | 1 | 148 |
| Fine gray sand | 4 | 152 |
| Fine gray sand and lignite | 8 | 160 |
| Fine gray sand and clay | 1 | 161 |

Casing: 12 inches.

Screen: 60 feet of 12 inch with bottom at 161 feet.

Pumping test:

April 5, 1955. Duration: 8 hours
Static water level: 26 feet
Drawdown: 20 feet
Yield: 867 gpm

N-4335. (B-6) Sears Roebuck & Co., north of Sunrise Highway and east of Park Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 13 | 13 |
| Fine sand | 6 | 19 |
| Dirty fine sand | 4 | 23 |
| Heavy gravel | 6 | 29 |
| Fine sand, a little dirty | 13 | 42 |
| Sand and few stones | 4 | 46 |
| Medium coarse brown sand, some grit and gravel | 8 | 54 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

| | |
|--------------------------------|---------|
| April 5, 1954. Duration: | 2 hours |
| Static water level: | 7 feet |
| Yield: | 50 gpm |

N-4341. (B-6) Big Ben Food Market, south of Sunrise Highway and east of North Park Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., November 4, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 22 | 22 |
| Medium sand—quantity of small gravel | 1 | 23 |
| Fine sand with clay binder—small amount mica | 1 | 24 |
| Coarse sand and gravel—small stones | 1 | 25 |
| Fine sand with clay binder—small stones | 3 | 28 |
| Bog | 1 | 29 |
| Bog, coarse sand and gravel | 2 | 31 |
| Coarse and fine sand—gravel with clay binder | 6 | 37 |
| Medium sand and gravel | 2 | 39 |
| Coarse sand—gravel and small stones | 3 | 42 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

Pumping test:

| | | |
|-----------------------------------|----|-------|
| November 4, 1953. Duration: | 2 | hours |
| Static water level: | 7 | feet |
| Drawdown: | 2½ | feet |
| Yield: | 35 | gpm |

N-4376. (E-7) Mary L. Griggs, south of Bayville Avenue and east of Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 12, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Sand and gravel | 32 | 34 |
| Hardpan | 10 | 44 |
| Gray clay | 20 | 64 |
| Brown hardpan | 20 | 84 |
| Sandy clay | 29 | 113 |
| Coarse brown sand and gravel | 22 | 135 |
| Sandy clay | 5 | 140 |
| White clay | 28 | 168 |

(Continued on next page)

N-4376. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Hard gray clay | 17 | 185 |
| Hard gray clay | 80 | 265 |
| Soft sandy clay | 35 | 300 |
| Sandy clay | 35 | 335 |
| Sand and gravel | 32 | 367 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 356 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| December 7, 1953. Duration: | 4 hours |
| Static water level: | 50 feet |
| Drawdown: | 10 feet |
| Yield: | 150 gpm |

N-4382. (D-7) Jarco Metal Products Corporation, south of Portland Avenue and west of Grand Boulevard, New Cassel. Drilled by Eastern Well & Pump Co., December 18, 1953.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Top soil and fill | 4 | 4 |
| Brown sand, grits and gravel | 1 | 5 |
| Solid gray clay | 2 | 7 |
| Clean and sharp, brown sand, grits and gravel | 4 | 11 |
| Fairly sharp brown sand and grits and gravel | 5 | 16 |
| Clean coarse light brown sand, grits and gravel | 6 | 22 |
| Medium coarse light brown sand, mostly grits and gravel | 7 | 29 |
| Light brown layers clay, hard layers brown sandy clay..... | 12 | 41 |
| Dark brown sandy clay, silt | 7 | 48 |
| Fine brown sand and clay, hardpan | 4 | 52 |
| Light brown fine sharp sand, few grits | 8 | 60 |
| Fine brown sand, lumps and layers of gray brown clay, hardpan | 12 | 72 |
| Very fine sandy brown clay | 9 | 81 |
| Fine brown fairly sharp sand, lot of brown clay, water | 7 | 88 |
| Fine sharp brown sand (clean) | 4 | 92 |
| Layer of hardpan | at | 92 |
| Brown sand, a little coarser and sharp | 2 | 94 |
| Fine brown sharp clay, has life | 1 | 95 |
| Layer gray sandy clay | at | 95 |
| Fine brown sand | 1 | 96 |
| Very fine silt, brown sand, lumps of clay | 2 | 98 |
| Very hard sandy brown clay | 5 | 103 |
| Very hard solid black clay | 7 | 110 |
| Dirty dark brown sand, mica | 8 | 118 |
| Fine dirty brown sand, hardpan and mica | 7 | 125 |
| Layer sandy clay | at | 125 |
| Very fine soupy brown sand, hardpan | 7 | 132 |
| Hard brown sandy clay and mica | 6 | 138 |
| Brown fine soupy sand clay and mica | 10 | 148 |
| Fine light brown sand, fairly clean | 9 | 157 |
| Hardpan, lumps of clay | 3 | 160 |
| Brown sandy clay | 19 | 179 |
| Hard sandy brown and gray clay | at | 179 |
| Reddish brown fine sand | 9 | 188 |
| Solid gray clay | 4 | 192 |
| Fine fairly clean light brown sand, lump of clay hardpan and mica | 14 | 206 |
| Medium fine to fine light brown sand, clean and sharp, some mica | 15 | 221 |

N-4382. (*Continued*)

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 205 feet.

Pumping test:

December 18, 1953. Duration: 4 hours
Yield: 69 gpm

N-4383. (D-7) La Grega Realty Corporation, north of Main Street and west of Urban Avenue, Westbury. Drilled by Mathies Well & Pump Co., Inc., December 3, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Loam and sandy clay | 5 | 5 |
| Coarse sand and gravel | 37 | 42 |
| Sandy clay | 7 | 49 |
| Fine sand | 6 | 55 |
| Sandy clay | 35 | 90 |
| Fine sand | 15 | 105 |
| Medium fine clean sand | 11 | 116 |
| Fine sand and small traces of clay | 20 | 136 |

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

Pumping test:

December 3, 1953. Duration: 4 hours
Static water level: 44 feet
Yield: 43 gpm

N-4384. (C-6) Aurora Plastics, north of Hempstead Turnpike and east of Cherry Valley Road, West Hempstead. Drilled by Sweeney & Gray Co., Inc., December 10, 1953.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Medium sand | 42 | 42 |
| Casing: 6 inches. | | |
| Screen: 11 feet of 6 inch with bottom at 42 feet. | | |
| Pumping test: | | |
| March 5, 1954. Duration: 4 hours | | |
| Static water level: 10½ feet | | |
| Drawdown: 5½ feet | | |
| Yield: 69 gpm | | |

N-4385. (C-8) Bildner-Big Ben Corporation, north of Thorne Avenue and east of Hicksville-Massapequa Road, Plainedge. Drilled by Eastern Well & Pump Co., April 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and grits | 29 | 29 |
| Light brown sand, medium grits and gravel | 17 | 46 |
| Casing: 6 inches. | | |
| Screen: 5½ feet of 4 inch with bottom at 43 feet. | | |
| Pumping test: | | |
| April 5, 1954. Duration: 2 hours | | |
| Static water level: 5 feet | | |
| Drawdown: 6 feet | | |
| Yield: 60 gpm | | |

N-4388. (D-5) Citizens Water Supply Company of Newtown, north of Water Mill Road and east of Long Island Railroad, Great Neck. Drilled by Layne-New York Co., Inc.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Sand and boulders | 9 | 14 |
| Blue clay | 6 | 20 |
| Black clay | 2 | 22 |
| Brown hard clay | 8 | 30 |
| Sand and gravel, streaks clay | 15 | 45 |
| Hard packed sand and streaks gravel | 9 | 54 |
| Sand rock | 1 | 55 |
| Hard white clay | 4 | 59 |
| Streaks sand rock, hard white clay | 4 | 63 |
| Hard white coarse sand | 6 | 69 |
| Coarse sand and streaks clay | 7 | 76 |
| Yellow and white clay | 1 | 77 |
| Fine sand | 4 | 81 |
| White clay | 1 | 82 |
| Fine sand | 9 | 91 |
| Hard white clay | 12 | 103 |
| Soft white clay | 19 | 122 |
| Hard sandy clay | 3 | 125 |
| Sand and large gravel | 20 | 145 |

Casing: 38, 30, 24 and 18 inches.

Screen: 20 feet of 18 inch with bottom at 145 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| February 9, 1954. Duration: | 8 hours |
| Static water level: | 17 feet |
| Drawdown: | 63 feet |
| Yield: | 1250 gpm |

N-4389. (E-5) Village of Sands Point, north of Astor Lane and east of Port Washington Boulevard, Sands Point. Drilled by C. W. Lauman & Co., Inc., August 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and large gravel | 56 | 56 |
| Solid dark gray clay | 3 | 59 |
| Solid dark brown clay | 5 | 64 |
| Coarse brown sand, gravel, clay and lignite | 31 | 95 |
| Coarse brown sand | 5 | 100 |
| Fine brown sand and mica | 48 | 148 |
| Coarse brown sand and some grit | 25 | 173 |
| Solid gray clay | 22 | 195 |
| Fine gray sandy clay | 12 | 207 |
| Coarse brown sand and some clay | 3 | 210 |
| Coarse brown sand and some grits | 15 | 225 |
| Fine brown sand and mica | 10 | 235 |
| Fine brown sand, mica, layers gray clay and sandy clay | 26 | 261 |
| Solid gray clay | 16 | 277 |
| Solid clay | 24 | 301 |

Casing: 16 and 12 inches.

Screen: 26 and 17 feet of 16 and 12 inch, with bottom at 177 and 225 feet.

Pumping test:

| | |
|-------------------------------|---------|
| June 8, 1954. Duration: | 4 hours |
| Static water level: | 62 feet |
| Drawdown: | 21 feet |
| Yield: | 708 gpm |

N-4390. (D-5) Jamaica Water Supply Co., south of Union Turnpike and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., April 28, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Loam | 1 | 1 |
| Coarse brown sand, clay, boulder and gravel | 62 | 63 |
| Coarse brown sand and gravel | 40 | 103 |
| Coarse brown sand and white clay | 17 | 120 |
| Casing: 24 inches. | | |
| Screen: 21 feet of 17 inch with bottom at 105 feet. | | |
| Pumping test: | | |
| January 6, 1954. Duration: | 8 hours | |
| Static water level: | 61 feet | |
| Drawdown: | 19 feet | |
| Yield: | 1404 gpm | |

N-4393. (B-5) Long Island Water Corporation, south of Hawthorne Avenue and west of Horton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., July 23, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Medium coarse brown sand | 40 | 42 |
| Medium coarse brown sand, some grits | 22 | 64 |
| Coarse brown sand, some grits | 9 | 73 |
| Medium coarse brown sand, some grits | 10 | 83 |
| Fine multi-color sand, some clay | 6 | 89 |
| Fine gray sand, some clay | 14 | 103 |
| Fine gray sand, streaks solid clay | 11 | 114 |
| Solid black clay | 5 | 119 |
| Fine gray sand, streaks solid clay and lignite | 6 | 125 |
| Fine gray sandy clay, streaks solid clay and lignite | 22 | 147 |
| Fine gray sand, some clay and mica | 6 | 153 |
| Layers fine gray sand and sandy clay | 29 | 182 |
| Fine gray sand, streaks lignite | 10 | 192 |
| Solid gray clay | 10 | 202 |
| Fine gray sandy clay, streaks of lignite | 5 | 207 |
| Fine gray sand, streaks of lignite | 29 | 236 |
| Layers of fine gray sand and sandy clay | 12 | 248 |
| Fine gray sand | 35 | 283 |
| Layers of gray sandy clay and solid gray clay | 6 | 289 |
| Fine gray sand and streaks lignite | 25 | 314 |
| Layers of fine gray sand and solid clay | 5 | 319 |
| Fine gray sandy clay and streaks lignite | 5 | 324 |
| Fine gray sand | 7 | 331 |
| Layers fine gray sand, pyrite, lignite and solid gray clay | 4 | 335 |
| Medium coarse gray sand, streaks solid clay | 4 | 339 |
| Fine gray sandy clay, streaks lignite | 9 | 348 |
| Medium coarse gray sand | 10 | 358 |
| Fine gray sandy clay, streaks lignite | 11 | 369 |
| Fine gray sand | 8 | 377 |
| Solid gray clay | 12 | 389 |
| Layers fine gray sand and solid clay | 9 | 398 |
| Solid gray clay | 6 | 404 |
| Fine gray sand, streaks solid clay | 5 | 409 |
| Medium coarse gray sand | 10 | 419 |
| Fine gray sand, streaks coarse gray sand | 9 | 428 |

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N-4393. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Fine gray sand | 6 | 434 |
| Medium coarse gray sand | 15 | 449 |
| Fine gray sand, some mica | 12 | 461 |
| Coarse gray sand | 6 | 467 |
| Fine gray sandy clay | 11 | 478 |
| Lignite and streaks sand and clay | 3 | 481 |
| Medium coarse gray sand, streaks clay | 5 | 486 |
| Solid gray clay | 9 | 495 |
| Fine gray sand, layers of clay | 11 | 506 |

Casing: 18 inches.

Screen: 52 $\frac{3}{4}$ feet of 12 inch with bottom at 474 feet.

Pumping test:

| | |
|---------------------------------|----------|
| March 17, 1954. Duration: | 8 hours |
| Static water level: | 11 feet |
| Drawdown: | 34 feet |
| Yield: | 1421 gpm |

N-4394. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Coarse brown sand | 10 | 15 |
| Medium brown sand, mica | 32 | 47 |
| Coarse brown sand, grits | 9 | 56 |
| Fine brown sand, layers of sandy clay | 2 | 58 |
| Fine brown sand, mica | 21 | 79 |
| Fine brown sand, streaks of solid and sandy clay | 7 | 86 |
| Fine gray sand, streaks of solid clay | 11 | 97 |
| Silty gray clay, layers of sandy clay | 9 | 108 |
| Fine gray sand, streaks of clay and lignite | 11 | 119 |
| Solid gray clay, streaks of sandy clay | 5 | 124 |
| Fine gray sand, streaks of clay and pyrite | 6 | 130 |
| Fine gray sandy clay, mica, lignite | 10 | 140 |
| Fine gray sand, mica, layers of solid clay | 3 | 143 |
| Medium fine gray sand, mica | 25 | 168 |
| Fine gray sandy clay, mica, layers of lignite | 8 | 176 |
| Fine gray sand, mica | 7 | 183 |
| Fine gray sandy clay, mica, streaks of solid clay and lignite | 12 | 195 |
| Medium gray sand, layers of lignite | 6 | 201 |
| Solid lignite | 10 | 211 |
| Solid hard gray clay, layers of lignite | 5 | 216 |
| Solid gray clay, streaks of sandy clay and lignite | 11 | 227 |
| Fine gray sandy clay, streaks of solid clay and lignite | 10 | 237 |
| Solid gray clay | 9 | 246 |
| Fine gray sand, some clay and mica | 20 | 266 |
| Gray sandy clay, streaks of solid clay | 5 | 271 |
| Fine gray sand, some clay and lignite | 25 | 296 |
| Fine gray sand, layers of solid clay and lignite | 38 | 334 |
| Solid gray clay | 16 | 350 |

Casing: 18 inches.

Screen: 43 feet of 12 inch with bottom at 175 feet.

Pumping test:

| | |
|-------------------------------|----------|
| July 6, 1954. Duration: | 8 hours |
| Static water level: | 5 feet |
| Drawdown: | 66 feet |
| Yield: | 1470 gpm |

N-4400T. (E-7) Oyster Bay Water District, northeast of Oyster Bay Cove Road and Shutter Lane, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam | 3 | 4 |
| Coarse brown sand, grits and gravel | 10 | 14 |
| Coarse brown sand, grits and lumps of clay | 14 | 28 |
| Solid gray clay | 31 | 59 |
| Fine brown sand and some clay | 6 | 65 |
| Multi-color, solid clay and streaks of sandy clay | 8 | 73 |
| Solid gray clay and streaks of sandy clay | 6 | 79 |
| Solid brown clay | 13 | 92 |
| Medium coarse brown sand and streaks of solid clay | 20 | 112 |
| Fine gray and brown sandy clay | 6 | 118 |
| Coarse brown sand and grits | 5 | 123 |
| Solid and sandy, brown and gray clay | 8 | 131 |
| Fine brown and gray sand, little clay | 11 | 142 |
| Coarse brown sand and grits | 6 | 148 |
| Fine gray sandy clay | 7 | 155 |
| Fine gray sandy clay | 9 | 164 |
| Brown sand and solid gray clay | 6 | 170 |
| Medium coarse brown sand | 5 | 175 |
| Coarse brown and gray sand, some clay | 6 | 181 |
| Fine gray sandy clay | 11 | 192 |
| Medium, fine, brown and red sand and some clay | 10 | 202 |
| Fine gray sand, some clay and mica | 11 | 213 |
| Coarse brown sand and gravel, some clay | 34 | 247 |
| Fine, red and gray, sandy clay and solid clay | 6 | 253 |
| Coarse brown sand, gravel and some clay | 10 | 263 |
| Medium coarse brown sand and layers of clay | 4 | 267 |
| Coarse brown sand, gravel and some clay | 16 | 283 |
| Fine gray sandy clay and layers of solid clay | 4 | 287 |
| Fine brown sand | 15 | 302 |
| Solid multi-clay and layers of sandy clay | 45 | 347 |
| Solid, gray clay | 53 | 400 |

Note: Formation test hole only.

N-4401T. (C-8) Massapequa Water District, Ocean Avenue and Maryland Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel | 68 | 68 |
| Solid gray clay | 10 | 78 |
| Fine gray sand, mica, shells, layers of solid and sandy clay | 16 | 94 |
| Solid gray clay | 10 | 104 |
| Gray sandy clay, layers of solid clay | 12 | 116 |
| Very fine gray sand, mica, some clay, lignite | 7 | 123 |
| Gray sandy clay, lignite | 6 | 129 |
| Coarse gray sand, grits, streaks solid clay | 5 | 134 |
| Fine gray sandy clay, lignite | 15 | 149 |
| Fine gray sandy clay | 21 | 170 |
| Medium fine gray sand, little clay | 7 | 177 |
| Medium fine gray sand, lignite, solid clay | 6 | 183 |
| Medium fine gray sand, small amount of clay | 51 | 234 |

(Continued on next page)

N-4401T. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, layers lignite and solid clay | 6 | 240 |
| Fine gray sand, mica, small amount of clay | 27 | 267 |
| Sandy gray clay, layers lignite and solid clay | 16 | 283 |
| Solid gray clay, streaks of sandy clay | 4 | 287 |
| Gray sandy clay, lignite, layers of solid clay | 20 | 307 |
| Gray sandy clay, mica, lignite | 10 | 317 |
| Fine gray sand, mica, some lignite, layers solid clay | 20 | 337 |
| Fine gray sand, lignite | 13 | 350 |
| Solid hard gray clay | 11 | 361 |
| Solid hard gray clay | 7 | 368 |
| Solid gray clay, streaks sandy clay, lignite | 14 | 382 |
| Solid gray clay and sandy gray clay | 10 | 392 |
| Sandy gray clay | 5 | 397 |
| Solid gray clay and fine gray sand | 6 | 403 |
| Fine gray sand, lignite | 23 | 426 |
| Fine gray sand, mica | 27 | 453 |
| Fine gray sand, mica, streaks of solid clay | 15 | 468 |
| Fine gray sand, clay, mica | 30 | 498 |
| Solid gray clay | 5 | 503 |
| Fine gray sand, mica, streaks solid and sandy clay | 5 | 508 |
| Solid gray clay | 4 | 512 |
| Fine gray sand, mica, streaks solid clay | 5 | 517 |
| Fine gray sand, mica, some clay | 26 | 543 |
| Medium coarse gray sand, streaks lignite | 5 | 548 |
| Gray sandy clay | 7 | 555 |
| Solid gray clay, streaks sandy clay and lignite | 12 | 567 |
| Fine gray sand, little lignite | 15 | 582 |
| Medium coarse gray sand | 10 | 592 |
| Medium fine gray sand | 15 | 607 |
| Fine gray sandy clay | 15 | 622 |
| Fine gray sandy clay, solid clay | 6 | 628 |
| Fine gray sandy clay and solid clay | 24 | 652 |
| Solid light gray clay | 5 | 657 |
| Fine gray sand, mica, layers of solid clay | 11 | 668 |
| Medium coarse sand, mica, some clay | 15 | 683 |
| Fine gray sand, mica, some clay | 26 | 709 |
| Gray sandy clay, streaks of lignite | 3 | 712 |
| Solid gray clay, streaks of sandy clay | 5 | 717 |
| Solid hard gray clay | 4 | 721 |

Note: Formation test hole only.

N-4405. (B-5) Long Island Water Corporation, north of Beech Street and east of Vernon Avenue, Atlantic Beach. Drilled by Layne-New York Co., Inc., July 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Gray sand | 30 | 30 |
| Sand and blue marl | 92 | 122 |
| Sand, gravel and blue clay | 28 | 150 |
| Packed gravel and sandy clay | 67 | 217 |
| Sandy clay, streaks gravel | 54 | 271 |
| Sand, gravel, streaks of clay | 49 | 320 |
| Sandy clay, hard clay and wood | 62 | 382 |
| Streaks of sand and hard clay | 58 | 440 |
| Sand, some fine gravel | 66 | 506 |
| Sand and clay | 23 | 529 |
| Muddy sand | 29 | 558 |
| Black clay, streaks of sand | 33 | 591 |
| Streaks of sand, clay and gravel | 97 | 689 |

N-4405. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Sand, gravel, wood and clay | 30 | 719 |
| Clay, streaks of gravel | 20 | 739 |
| Sand and fine gravel | 25 | 764 |
| Sand, wood, streaks of clay | 40 | 804 |
| Sand, gravel and clay streaks | 22 | 826 |
| Tough blue clay | 48 | 874 |
| Sand, gravel, streaks of clay | 59 | 933 |
| Coarse sand and gravel | 33 | 966 |
| Sand, gravel and clay streaks | 38 | 1004 |
| Coarse sand and gravel | 51 | 1055 |
| Sand, gravel, streaks of clay | 12 | 1067 |
| Coarse sand and gravel | 19 | 1096 |
| Tough clay and gravel | 21 | 1117 |

Casing: 20, 12 and 8 inches.

Screen: 70 feet of 8 inch with bottom at 1075 feet.

Pumping test:

July 27, 1954. Duration: 8 hours
Static water level: ground level
Drawdown: 34 feet
Yield: 1400 gpm

N-4406. (C-6) Hempstead Medical Arts Corporation, north of Atlantic Avenue and east of Hilton Avenue, Hempstead. Drilled by Eastern Well & Pump Co.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Gravel, grits and stones | 6 | 15 |
| Medium to fine dark sand | 2 | 17 |
| Sand and grits | 12 | 29 |
| Medium to fine sand | 8 | 37 |
| Sand and gravel | 3 | 40 |
| Medium sand and grits | 9 | 49 |
| Medium to coarse sand and grits | 8 | 57 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 57 feet.

Pumping test:

April 15, 1954. Duration: 2 hours
Static water level: 8½ feet
Drawdown: 4½ feet
Yield: 75 gpm

N-4408. (C-6) K. J. Kellgren & M. Hewett, north of old Country Road and west of Rose Street, Mineola. Drilled by Fred Habenicht & Sons, March 9, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Gravel | 15 | 19 |
| Dirty hard yellow sand | 2 | 21 |
| Coarse sand and pebbles | 22 | 43 |
| White sand | 6 | 49 |
| White sand and 30% pea gravel | 15 | 64 |

(Continued on next page)

N-4408. (*Continued*)

Casing: 4 inches.

Screen: 5 feet of $3\frac{3}{4}$ inch with bottom at 65 feet.

Pumping test:

| | | |
|--------------------------|-------|---------|
| March 9, 1954. Duration: | ..... | 5 hours |
| Static water level: | ..... | 48 feet |
| Drawdown: | ..... | 5 feet |
| Yield: | ..... | 19 gpm |

N-4409. (D-6) Blue Spruce Inn, northeast corner of Northern Boulevard, Roslyn. Drilled by Eastern Well & Pump Co., March 3, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Loam, stones and clay | 12 | 12 |
| Brown sand and few gravel | 6 | 18 |
| Brown clay | 11 | 29 |
| Sandy clay | 5 | 34 |
| Brown clay | 8 | 42 |
| Light brown sand, gravel and stones | 4 | 46 |
| Light brown sand, grits, few gravel | 7 | 53 |
| Brown clay | | below 53 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 51 feet.

Pumping test:

| | | |
|--------------------------|-------|-----------------------|
| March 3, 1954. Duration: | ..... | 2 hours |
| Static water level: | ..... | 10 $\frac{1}{2}$ feet |
| Drawdown: | ..... | 25 feet |
| Yield: | ..... | 50 gpm |

N-4410. (C-6) H. O. Penn Machinery Company, north of Stewart Avenue and west of Merrick Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Coarse sand, grit, gravel | 48 | 48 |
| Fine brown sand, lumps of multi-color clay | 33 | 81 |
| Sandy gray clay | 11 | 92 |
| Layers of multi-colored solid and sandy clay | 4 | 96 |
| Fine brown sand, clay | 6 | 102 |
| Fine brown sand | 13 | 115 |
| Fine multi-colored sandy clay | 7 | 122 |
| Fine gray sandy clay—streaks of lignite, pyrite | 34 | 156 |
| Fine gray sand, some clay and mica | 16 | 172 |
| Layers of lignite, solid and sandy clay | 11 | 183 |
| Fine gray sandy clay, streaks of solid clay | 9 | 192 |
| Fine gray sand, streaks of solid clay | 6 | 198 |
| Solid gray clay, streaks of sandy clay | 11 | 209 |
| Fine gray sand, streaks of lignite | 4 | 213 |
| Fine gray sand | 15 | 228 |
| Fine gray sandy clay, streaks of solid clay | 5 | 233 |
| Fine brown sand, some clay, streaks of solid clay | 60 | 293 |
| Fine gray sandy clay | 6 | 299 |
| Fine brown sand, some clay | 21 | 320 |
| Fine gray sand | 5 | 325 |
| Solid gray clay | 15 | 340 |
| Fine brown sand, some clay | 8 | 348 |
| Fine gray sand, some clay | 11 | 359 |

N-4410. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Fine gray sandy clay | 5 | 364 |
| Fine brown sand | 12 | 376 |
| Fine multi-colored sandy clay and streaks of sand | 11 | 387 |
| Medium fine brown sand, some clay, grit, streaks of solid clay | 25 | 412 |
| Fine gray sand, some clay | 10 | 422 |
| Medium coarse brown sand, some clay and grit | 14 | 436 |
| Layers of fine brown sand and sandy clay | 16 | 452 |

Casing: 8 inches.

Screen: 19 feet of 8 inch with bottom at 116 feet.

Pumping test:

| | | |
|-----------------------------------|-----|-------|
| November 9, 1954. Duration: | 4 | hours |
| Static water level: | 10½ | feet |
| Drawdown: | 24 | feet |
| Yield: | 265 | gpm |

N-4411. (B-5) Long Island Water Corporation, south of Sunrise Highway and west of Peninsula Boulevard, Lynbrook. Drilled by Layne-New York Co., Inc., July 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Brown sand | 60 | 60 |
| Black muddy sand | 15 | 75 |
| White muddy sand | 29 | 104 |
| Coarse brown sand | 15 | 119 |
| Sand, streaks of clay | 61 | 180 |
| Dark gray clay | 24 | 204 |
| Sand, hard streaks clay | 28 | 232 |
| Hard brown clay | 38 | 270 |
| Sand and gravel | 23 | 293 |
| Soft clay | 6 | 299 |
| Sand and clay | 20 | 319 |
| Sand and gravel | 45 | 364 |
| Clay | 2 | 366 |
| Sand and fine gravel | 29 | 395 |
| Sand and gravel | 9 | 404 |
| Gray clay | 8 | 412 |
| Sand, gravel and clay | 24 | 436 |
| Sand | 8 | 444 |
| Sand and streaks of clay | 14 | 458 |
| Coarse sand, fine gravel | 38 | 496 |
| Clay | 5 | 501 |
| Sand and gravel | 55 | 556 |
| Clay | 12 | 568 |

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 550 feet.

Pumping test:

| | | |
|--------------------------------|------|-------|
| July 27, 1954. Duration: | 8 | hours |
| Static water level: | 9 | feet |
| Drawdown: | 50 | feet |
| Yield: | 1400 | gpm |

N-4417T. (D-5) B. Altman & Company, south of Northern Boulevard and east of the Gate, Manhasset. Drilled by C. W. Lauman & Co., Inc., February 18, 1954.

| Log : | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Fill and loam | 5 | 6 |
| Coarse, brown sand, grit, gravel and boulders | 30 | 36 |
| Coarse brown sand, grit, large gravel and niggerheads | 80 | 116 |
| Coarse brown sand, grit and large gravel | 10 | 126 |
| Coarse brown sand, grit, large gravel and lumps of clay | 36 | 162 |
| Layers of fine brown sand, sandy clay and solid clay | 4 | 166 |
| Fine brown sand, some clay, layers of cemented gravel | 15 | 181 |
| Medium coarse brown sand, grit and gravel | 10 | 191 |
| Solid brown clay, streaks of sandy clay | 11 | 202 |
| Medium coarse brown sand, grit and gravel | 19 | 221 |
| Fine brown sand, grit and gravel | 10 | 231 |
| Multi-color, solid clay, streaks of medium brown sand | 6 | 237 |
| Medium coarse brown sand, grit and gravel | 27 | 264 |
| Solid brown clay, streaks of fine brown sand | 5 | 269 |
| Medium coarse brown sand, grit and gravel, some clay | 29 | 298 |
| Medium coarse brown sand, grit and streaks of sandy clay | 5 | 303 |
| Medium coarse brown sand, grit and gravel | 5 | 308 |
| Medium fine brown sand, some clay | 5 | 313 |
| Medium coarse brown sand, grit and gravel | 5 | 318 |
| Layers of medium coarse brown sand and sandy clay | 10 | 328 |
| Multi-color, solid clay and streaks of sandy clay | 15 | 343 |

Casing: 7 inches.

Note: Formation test hole.

N-4418. (B-5) A. Usiskin, northwest of Everett Avenue and Willow Pond Road, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., April 1, 1954.

| Log : | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 1 | 3 |
| Medium sand and gravel | 10 | 13 |
| Fine brown sand | 11 | 24 |
| Black clay | 22 | 46 |
| Medium sand and grits | 18 | 64 |

Casing: 6 inches.

Screen: 8½ feet of 3¾ inch with bottom at 60 feet.

Pumping test:

April 1, 1954. Duration: 2 hours
Static water level: 12 feet
Yield: 75 gpm

N-4419. (D-6) Whelan Drug Store, north of Hillside Avenue and east of Herrick Road, Williston Park. Drilled by C. W. Lauman & Co., Inc., March 19, 1954.

| Log : | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Coarse brown sand, grits and plenty large gravel | 47 | 56 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 47 feet.

N-4424. (E-5) Mrs. R. W. Fraser, north of Private Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., May 17, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Brown sand and clay | 45 | 45 |
| Fine gray-brown sand and clay | 35 | 80 |
| Coarse brown sand and small gravel | 15 | 95 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 95 feet.

N-4425. (C-6) Village of Hempstead, north of Dartmouth Street and east of Clinton Street, Hempstead. Drilled by Layne-New York Co., Inc., August 11, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and gravel | 56 | 58 |
| White clay | 6 | 64 |
| Black clay | 3 | 67 |
| Fine sand | 26 | 93 |
| Gray clay | 4 | 97 |
| Fine sand | 5 | 102 |
| Brown clay | 8 | 110 |
| Black clay | 5 | 115 |
| Fine sand, iron oxide | 32 | 147 |
| Gray-black clay and lignite | 51 | 198 |
| Sand, clay and iron oxide | 24 | 222 |
| Sand, lignite | 12 | 234 |
| Gray clay | 31 | 265 |
| Fine white sand | 20 | 285 |
| Sand, clay, lignite | 26 | 311 |
| Gray clay | 15 | 326 |
| Medium sand | 22 | 348 |
| Clay | 2 | 350 |
| Sand | 4 | 354 |
| Clay | 1 | 355 |
| Sand | 11 | 366 |
| Lignite | 9 | 375 |
| Clay, pyrite | | below 375 |

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 365 feet.

Pumping test:

March 19, 1954. Duration: 8 hours
Static water level: 15 feet
Drawdown: 43 feet
Yield: 1280 gpm

N-4426. (D-6) Grand Union Stores, north of Hillside Avenue and east of Herrick Road, Mineola. Drilled by Fred Habenicht & Sons, February 28, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Top soil | 4 | 4 |
| Very coarse sand, gravel | 13 | 17 |
| Mostly gravel | 24 | 41 |

(Continued on next page)

N-4426. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Red, hard-packed sand | 1 | 42 |
| Coarse sand and pea gravel | 15 | 57 |
| Mostly all pea gravel | 7 | 64 |
| Casing: 6 inches. | | |
| Screen: 11 feet of 5¾ inch with bottom at 64 feet. | | |
| Pumping test: | | |
| February 27, 1954. Duration: | 4 hours | |
| Static water level: | 45 feet | |
| Drawdown: | 6 feet | |
| Yield: | 62 gpm | |

N-4428. (C-6) Werner Abel, north of Centennial Avenue and west of Woodside Avenue, Baldwin. Drilled by Fred Habenicht & Sons, March 3, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Sand | 46 | 54 |
| Sand | | below 54 |
| Casing: 4 inches. | | |
| Screen: 8 feet of 3¾ inch with bottom at 54 feet. | | |
| Pumping test: | | |
| March 13, 1954. Duration: | 5 hours | |
| Static water level: | 18 feet | |
| Drawdown: | 4 feet | |
| Yield: | 52 gpm | |

N-4430. (C-6) Meadow Brook Nation Bank of Freeport, south of Hempstead Avenue and west of Woodview Road, West Hempstead. Drilled by Eastern Well & Pump Co., March 26, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Basement | 15 | 15 |
| Medium coarse brown sand, grits and gravel | 60 | 75 |
| Casing: 8 inches. | | |
| Screen: 15 feet of 8 inch with bottom at 72½ feet. | | |
| Pumping test: | | |
| March 26, 1954. Duration: | 8 hours | |
| Static water level: | 10 feet | |
| Drawdown: | 16 feet | |
| Yield: | 280 gpm | |

N-4431. (D-7) Preferred Sand and Stone Co., north of Duffy Lane and east of Charlotte Street, Hicksville. Drilled by C. W. Lauman & Co., Inc.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand and gravel | 14 | 14 |
| Sand and grits (dirty) | 12 | 26 |
| Fine sand, dirty | 4 | 30 |

Casing: 4 inches.
Screen: 11 feet of 4 inch with bottom at 30 feet.

N-4431. (*Continued*)

| | | |
|---------------|---------------------------|---------|
| Pumping test: | | |
| June 1953. | Static water level: | 4 feet |
| | Drawdown: | 9 feet |
| | Yield: | 102 gpm |

N-4432. (E-6) Dyckman Laundry Inc., Glen Cove. Drilled by E. K. Hutchinson & Son, April 21, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Loam | 6 | 6 |
| Clay | 114 | 120 |
| Sand and gravel (water) | 28 | 148 |
| Clay | 152 | 300 |
| Sand, clay, gravel | 30 | 330 |
| Sand, gravel (water) | 22 | 352 |

Casing: 6 inches.

Screen: 16 feet of 5 $\frac{5}{8}$ inch with bottom at 348 feet.

Pumping test:

| | | |
|-----------------|---------------------------|---------|
| April 21, 1955. | Duration: | 8 hours |
| | Static water level: | flows |
| | Drawdown: | 34 feet |
| | Yield: | 90 gpm |

N-4435. (D-7) Fred Schumacher, north of Jericho Turnpike and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 23, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 4 | 6 |
| Brown sandy clay, large stones | 17 | 23 |
| Coarse brown sand, gravel | 7 | 30 |
| Coarse brown sand, large gravel, lumps of brown clay | 16 | 46 |
| Coarse brown sand, grits, gravel | 38 | 84 |
| Coarse brown sand, some grits and a small amount of clay | 14 | 98 |
| Coarse brown sand, grits, gravel | 10 | 108 |
| Medium brown sand, mica and small amount clay | 10 | 118 |
| Medium coarse brown sand | 6 | 124 |
| Coarse brown sand, grits | 9 | 133 |
| Fine brown sand, mica, lumps of clay | | below 133 |

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 133 $\frac{1}{2}$ feet.

Pumping test:

| | | |
|-----------------|---------------------------|---------|
| March 10, 1954. | Duration: | 1 hour |
| | Static water level: | 87 feet |
| | Drawdown: | 37 feet |
| | Yield: | 260 gpm |

N-4436. (C-5) R. C. Moulding Company, north of Second Avenue and east of South Sixth Street, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Sand, gravel, stone | 5 | 10 |

(Continued on next page)

N-4436. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Coarse sand, gravel, stones | 25 | 35 |
| Sand, gravel, stones | 15 | 50 |
| Coarse sand, gravel, stones | 12 | 62 |
| Coarse sand, gravel | 12 | 74 |

Casing: 6 inches.

Screen: 21 feet of 4 inch with bottom at 83½ feet.

N-4440. (E-6) Frank Marmorale, north of Garvies Point Road and west of Herb Hill Road, Glen Cove. Drilled by E. K. Hutchinson & Son, October 13, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Clay | 127 | 127 |
| Fine sand | 8 | 135 |
| Clay | 115 | 250 |
| Alternate streaks clay and fine sand | 50 | 300 |
| Coarse sand and gravel | 16 | 316 |

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 316 feet.

Pumping test:

| | | |
|----------------|-----------------|---------|
| July 16, 1954. | Duration: | 8 hours |
| | Drawdown: | 20 feet |
| | Yield: | 200 gpm |

Note: Well flows.

N-4448. (C-7) East Meadow Water District, southeast of Franklin Avenue and Devon Road, East Meadow. Drilled by Layne-New York Co., March 8, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Sand and gravel | 25 | 25 |
| Coarse gravel | 41 | 66 |
| Sand and sandy clay | 11 | 77 |
| Brown sand | 28 | 105 |
| Gray sand and clay | 46 | 151 |
| Brown sand | 58 | 209 |
| Fine gray sand | 57 | 266 |
| Coarse brown sand | 18 | 284 |
| Fine white sand | 61 | 345 |
| Gray sand, hard black clay streaks | 96 | 441 |
| Sand, clay streaks | 34 | 475 |
| Sand and gravel | 21 | 496 |
| Coarse sand and gravel | 63 | 559 |
| Sand and clay | 13 | 572 |

Casing: 24, and 18 inches.

Screen: 50 feet of 12 inch with bottom at 550 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| March 8, 1955. | Duration: | 8 hours |
| | Static water level: | 26 feet |
| | Drawdown: | 32 feet |
| | Yield: | 1200 gpm |

N-4450. (C-7) Levittown Water District, west of Center Lane and north of Bluegrass Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

| Log : | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Loam and sandy clay | 2 | 3 |
| Coarse brown sand, gravel | 80 | 83 |
| Coarse brown sand, gravel, brown clay | 8 | 91 |
| Fine reddish brown sand, mica | 5 | 96 |
| Fine brown sand, layers solid and sandy clay | 6 | 102 |
| Multi-colored sandy clay | 26 | 128 |
| Brown sandy clay, layers of solid clay | 10 | 138 |
| Fine brown sand, streaks sandy clay | 15 | 153 |
| Multi-colored sandy clay | 6 | 159 |
| Fine brown sand, mica, streaks sandy clay | 8 | 167 |
| Fine brown sand, mica | 11 | 178 |
| Fine brown sand, mica, streaks sandy clay | 15 | 193 |
| Solid brown clay, streaks fine brown sand, sandy clay | 6 | 199 |
| Fine brown sand, streaks sandy clay | 14 | 213 |
| Fine brown sand, mica | 5 | 218 |
| Brown sandy clay, mica, hardpan | 10 | 228 |
| Very fine brown sand, mica, layers of solid clay | 16 | 244 |
| Fine brown sand, mica | 16 | 260 |
| Solid multi-colored clay | 6 | 266 |
| Fine brown sand, mica, some clay | 4 | 270 |
| Brown sandy clay, mica, hardpan | 5 | 275 |
| Fine brown sand, mica | 16 | 291 |
| Fine brown sand, mica, streaks of sandy clay | 9 | 300 |
| Fine brown sandy clay, mica, layers solid clay | 6 | 306 |
| Fine gray sand, mica, streaks sandy and solid clay | 10 | 316 |
| Fine gray sand, mica, some clay | 6 | 322 |
| Fine gray sandy clay, mica | 5 | 327 |
| Fine brown sand, mica and a small amount of clay | 21 | 348 |
| Fine brown sand, mica and small amount clay | 5 | 353 |
| Fine brown sand, mica, streaks of sandy clay | 11 | 364 |
| Fine brown sand, mica and a small amount of clay | 16 | 380 |
| Fine gray sand, mica, layers of sandy clay | 10 | 390 |
| Fine brown sand, mica | 6 | 396 |
| Fine brown sand, mica, streaks solid and sandy clay | 6 | 402 |
| Gray sandy clay, mica | 8 | 410 |
| Fine gray sand, mica, streaks of sandy clay | 6 | 416 |
| Medium brown sand, mica, streaks of sandy clay | 11 | 427 |
| Medium brown sand, mica | 12 | 439 |
| Medium brown sand, mica, grits, streaks of sandy clay | 4 | 443 |
| Fine brown sand, mica | 6 | 449 |
| Fine brown sand, mica, streaks of solid and sandy clay | 19 | 468 |
| Fine brown sand, mica, streaks sandy clay | 9 | 477 |
| Gray sandy clay, mica | 3 | 480 |
| Fine brown sand, mica and a small amount of clay | 10 | 490 |
| Coarse brown sand, grits, streaks of clay | 5 | 495 |
| Fine brown sand, streaks of sandy clay and solid clay | 23 | 518 |
| Solid and sandy gray clay, layers of fine brown sand | 7 | 525 |

Casing: 18 inches.

Screen: 51½ feet of 12 inch with bottom at 466 feet.

Pumping test:

July 26, 1954. Duration: 8 hours

Static water level: 16 feet

Drawdown: 34 feet

Yield: 1250 gpm

N-4451. (C-7) Levittown Water District, east of Jerusalem Avenue and north of Fisher Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

| Log : | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Loam | 2 | 4 |
| Coarse brown sand, grit and gravel | 60 | 64 |
| Coarse brown sand, grit, gravel and lumps of clay | 33 | 97 |
| Solid gray clay | 12 | 109 |
| Multi-color sandy clay | 4 | 113 |
| Multi-color fine sand and streaks of clay | 14 | 127 |
| Lignite and streaks of clay | 5 | 132 |
| Solid black clay | 21 | 153 |
| Fine brown sand, streaks of clay | 9 | 162 |
| Layers of fine gray sand and sandy clay | 35 | 197 |
| Solid gray clay and streaks of fine brown sand | 6 | 203 |
| Fine brown sand, some clay and mica | 14 | 217 |
| Layers of brown sandy clay and solid clay | 14 | 231 |
| Fine brown sand | 7 | 238 |
| Multi-color sandy clay | 4 | 242 |
| Layers of fine brown sand and sandy clay | 29 | 271 |
| Fine brown sand | 8 | 279 |
| Layers of fine brown sandy clay and solid clay | 12 | 291 |
| Solid gray clay and layers of lignite | 13 | 305 |
| Fine gray sand | 9 | 314 |
| Solid gray clay | 12 | 326 |
| Fine gray sandy clay and streaks of solid clay | 20 | 346 |
| Fine gray sand | 57 | 403 |
| Multi-colored sandy clay and streaks of solid clay | 11 | 414 |
| Medium fine brown sand | 4 | 418 |
| Fine gray sand, some clay | 12 | 430 |
| Solid multi-color clay | 7 | 437 |
| Fine gray sand, streaks of sandy clay | 15 | 452 |
| Solid multi-color clay | 16 | 468 |
| Multi-color, sandy clay and streaks of solid clay | 14 | 482 |
| Fine brown sand and streaks of sandy clay | 17 | 499 |
| Fine gray sand | 39 | 538 |
| Fine gray sand, some clay and layers of solid clay | 15 | 553 |
| Medium coarse multi-color sand and layers of solid and sandy clay | 9 | 562 |
| Fine gray sand, some clay | 7 | 569 |
| Coarse gray sand, some grit and clay | 14 | 583 |
| Fine gray sand and clay | 5 | 588 |
| Medium coarse brown sand | 6 | 594 |
| Medium coarse gray sand, some clay and gravel | 5 | 599 |
| Fine gray sandy clay | 3 | 602 |

Casing: 18 inches.

Screen: 56 feet of 12 inch with bottom at 399 feet.

Pumping test:

| | | |
|-----------------|---------------------------|----------|
| August 2, 1954. | Duration: | 8 hours |
| | Static water level: | 38 feet |
| | Drawdown: | 32 feet |
| | Yield: | 1250 gpm |

N-4452. (C-6) Franklin Shops Inc., south of Fulton Avenue and east of Franklin Street, Hempstead. Drilled by Eastern Well & Pump Co., March 16, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 40 | 40 |
| Medium brown sand, little gravel | 19 | 59 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 59 feet. | | |
| Pumping test: | | |
| March 15, 1954. Duration: | 2 hours | |
| Static water level: | 12 feet | |
| Drawdown: | 5 feet | |
| Yield: | 75 gpm | |

N-4460. (E-8) Michael Harges, south of South Road and east of Cove Road, Oyster Bay. Drilled by Mathies Well & Pump Co., Inc., May 25, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Top soil | 1 | 2 |
| Heavy gravel | 55 | 57 |
| Very heavy gravel | 17 | 74 |
| Large stones | 3 | 77 |
| Brown clay and sand | 1 | 78 |
| Coarse sand and some gravel | 23 | 101 |
| Brown clay | 13 | 114 |
| Coarse sand, gravel and white clay | 1 | 115 |
| Coarse sand and brown clay | 17 | 132 |
| Fine sand and white clay | 14 | 146 |
| Yellow clay | 7 | 153 |
| Coarse white sand | 15 | 168 |
| Fine sand and yellow clay | 4 | 172 |
| Fine sand and white clay | 24 | 196 |
| Coarse sand, grits and some yellow clay | 3 | 199 |
| Fine sand and white clay | 5 | 204 |
| Coarse white sand | 6 | 210 |

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 210 feet.

| | | |
|-------------------------------|----------|--|
| Pumping test: | | |
| May 21, 1954. Duration: | 2 hours | |
| Static water level: | 150 feet | |
| Yield: | 24 gpm | |

N-4461. (C-8) New York Water Service Corp., north of De Mott Avenue and east of Jane Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Coarse brown sand, grits and gravel | 61 | 66 |
| Layers of medium coarse brown sand, solid clay and lignite | 17 | 83 |
| Fine gray sand, some clay, streaks of solid clay, pyrite and lignite | 21 | 104 |
| Fine gray sand, some mica | 31 | 135 |
| Fine gray sand, some clay, mica, streaks of sandy clay | 16 | 151 |

(Continued on next page)

N-4461. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, streaks of lignite and pyrite | 19 | 170 |
| Solid gray clay and streaks of gray sand | 5 | 175 |
| Fine gray sand, layers of lignite and solid gray clay | 26 | 201 |
| Fine gray sand, some mica | 5 | 206 |
| Fine gray sandy clay, streaks of pyrite and lignite | 16 | 222 |
| Fine gray sand, streaks of lignite | 14 | 236 |
| Fine gray sand, streaks of solid clay | 7 | 243 |
| Layers of fine gray sand, sandy clay and lignite | 12 | 255 |
| Fine gray sand, streaks of lignite, some mica | 6 | 261 |
| Fine gray sandy clay, streaks of solid clay | 24 | 285 |
| Solid gray clay | 6 | 291 |
| Fine gray sand, streaks of lignite and clay | 14 | 305 |
| Fine gray sand, some clay and mica | 35 | 340 |
| Solid gray clay, layers of pyrite and sandy clay | 14 | 354 |
| Fine gray sand, some clay, mica and lignite | 8 | 362 |
| Fine gray sand, streaks of clay | 9 | 371 |
| Fine gray sand | 9 | 380 |
| Layers of fine gray sand, sandy clay and lignite | 5 | 385 |
| Solid gray clay | 6 | 391 |
| Fine gray sand, streaks of lignite | 8 | 400 |
| Fine gray sandy clay | 6 | 406 |
| Fine gray sand, some clay and mica | 24 | 430 |
| Solid black clay | 11 | 441 |
| Layers of fine gray sand, sandy clay and solid clay | 5 | 446 |
| Fine gray sand, some clay and mica | 23 | 469 |
| Fine gray sandy clay, streaks of solid clay | 12 | 481 |
| Solid gray clay | 5 | 486 |
| Layers of fine gray sand, lignite and solid clay | 9 | 495 |
| Fine gray sand | 10 | 505 |
| Fine gray sand, some clay and streaks of lignite | 11 | 516 |
| Fine gray sand | 8 | 524 |
| Layers of fine gray sand, some clay and solid clay | 7 | 531 |
| Fine gray sand, some clay and mica | 5 | 536 |
| Solid gray clay, streaks of gray sand | 4 | 540 |
| Medium fine gray sand | 36 | 576 |
| Solid gray clay, streaks of sandy clay and lignite | 5 | 581 |
| Medium coarse gray sand | 28 | 609 |
| Fine gray sand, some clay, streaks of solid clay and lignite | 10 | 619 |
| Medium coarse gray sand, some clay | 9 | 628 |
| Solid gray clay | 14 | 642 |

Casing: 16 inches.

Screen: 21½ and 30¾ feet of 12 inch with bottom at 128 and 136 feet.

Pumping test:

| | |
|-----------------------------------------|----------|
| May 18, 1954. Static water level: | 11 feet |
| Drawdown: | 37 feet |
| Yield: | 1404 gpm |

N-4462. (E-6) North Shore Country Club, south of Downing Avenue and east of Shore Road, Glen Head. Drilled by C. W. Lauman & Co., Inc., July 30, 1954.

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Brown sandy clay, boulders | 8 | 8 |
| Coarse brown sand, boulders | 16 | 20 |
| Medium brown sand | 7 | 27 |
| Coarse brown sand, grits | 36 | 63 |
| Solid gray clay | 1 | 64 |
| Sandy yellow clay | 30 | 94 |
| Coarse yellow sand, grits, white clay | 4 | 98 |

N-4462. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------------|---------------------|-----------------|
| Solid white and yellow clay | 2 | 100 |
| Medium coarse yellow grits, white clay | 15 | 115 |
| Medium yellow sand | 2 | 117 |
| Sandy white and yellow clay, hardpan | 43 | 160 |
| Sandy yellow clay | 16 | 176 |
| Fine yellow sand, few grits with clay | 12 | 188 |
| Sandy yellow clay | 3 | 191 |
| Grayish solid clay, grits, gravel | 34 | 225 |
| Hard yellow clay, streaks of sand, few grits, gravel | 21 | 246 |
| Hard white clay, streaks of sand, grits, gravel, very few grits, gravel | 25 | 271 |
| Solid gray clay | | below 271 |
| Casing: 12 inches. | | |
| Screen: 32 feet of 8 inch with bottom at 180 feet. | | |
| Pumping test: | | |
| May 25, 1954. Duration: | | 6 hours |
| Static water level: | | 46 feet |
| Drawdown: | | 52 feet |
| Yield: | | 523 gpm |

N-4463. (C-8) Toren, Inc. (Mid-Island Hospital), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Coarse sand, grits and gravel | 29 | 29 |
| Brown lumpy clay with grits and sand | 14 | 43 |
| Medium brown sand | 9 | 52 |
| Brown sandy clay with mica and silt | 11 | 63 |
| Dark brown sandy clay | 43 | 106 |
| Medium coarse dark brown sand, little grit | 8 | 114 |
| Light brown sandy clay | 3 | 117 |
| Light brown medium coarse sand and few grits | 8 | 125 |
| Lumpy sandy clay, mica and silt | 5 | 130 |
| Casing: 10 inches. | | |
| Screen: 19½ feet of 10 inch with bottom at 124 feet. | | |
| Pumping test: | | |
| November 27, 1954. Duration: | | 9 hours |
| Static water level: | | 31 feet |
| Drawdown: | | 41 feet |
| Yield: | | 620 gpm |

N-4464. (C-8) Hills Super Market, south of Conklin Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, May 3, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Cellar | 12 | 12 |
| Sand and gravel | 30 | 42 |
| Casing: 4 inches. | | |
| Screen: 10 feet of 4 inch with bottom at 42 feet. | | |
| Pumping test: | | |
| May 1, 1954. Duration: | | 3 hours |
| Static water level: | | 14 feet |
| Drawdown: | | 14 feet |
| Yield: | | 72 gpm |

N-4466. (C-5) Sunrise Food Exchange, south of Hempstead Turnpike and west of William Avenue, Franklin Square. Drilled by Eastern Well & Pump Co., October 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Light brown sand | 7 | 16 |
| Clean sharp light brown sand and gravel | 21 | 37 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 4 inch with bottom at 46½ feet. | | |
| Pumping test: | | |
| October 5, 1954. Duration: | 2 hours | |
| Static water level: | 9 feet | |
| Drawdown: | 4 feet | |
| Yield: | 69 gpm | |

N-4471. (C-6) Hempstead Memorial Chapel, Inc., east of Greenwich Street and south of North Grove Street, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 23, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 35 | 35 |
| Casing: 4 inches. | | |
| Screen: 6 feet of 4 inch with bottom at 35 feet. | | |
| Pumping test: | | |
| July 23, 1954. Duration: | 2 hours | |
| Static water level: | 10 feet | |
| Yield: | 55 gpm | |

N-4483. (B-6) Nassau Hebrew Congregation of Rockville Centre, south of Lakeview Avenue and west of Hempstead Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 12, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Coarse light brown sand | 4 | 4 |
| Medium to fine white sand, grits and gravel | 7 | 11 |
| Medium to coarse brown sand and grits | 6 | 17 |
| Medium to fine brown sand | 13 | 30 |
| Medium light brown sand and grits, few gravel | 16 | 46 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 53 feet. | | |
| Pumping test: | | |
| April 12, 1954. Duration: | 2 hours | |
| Static water level: | 4½ feet | |
| Drawdown: | 5 feet | |
| Yield: | 78 gpm | |

N-4493. (D-8) Joseph M. Rottkamp, north of Bethpage Road and east of Plainview Road, Plainview. Drilled by Eastern Well & Pump Co., June 8, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Top soil, fine brown sandy soil | 17 | 17 |
| Coarse light brown sand, grits and gravel | 36 | 53 |
| Fine brown sand, mica, lumps clay | 8 | 61 |

N-4493. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------|---------------------|-----------------|
| Solid gray brown clay | 1 | 62 |
| Dirty light brown coarse sand and gravel | 7 | 69 |
| Very fine and hard dark brown sand | 6 | 75 |
| Medium brown sand, lot small grit | 6 | 81 |
| Very hard fine brown sand—lump clay | 12 | 93 |
| Hard solid gray clay | 5 | 98 |
| Very hard dirty brown sand | 8 | 106 |
| Layer of hardpan, dirty brown sand, grit and gravel, lumpy clay | 6 | 112 |
| Light brown sand, clean and sharp | 16 | 128 |
| Layers of clay and sand | 3 | 131 |
| Light brown sand, small lump of clay | 3 | 134 |
| Brown clay, layer hardpan | 6 | 140 |
| Dirty brown fine sand | 9 | 149 |
| Hard solid gray clay | 1 | 150 |
| Hard brown sand, clay, mica | 13 | 163 |
| Layer gray clay | at | 163 |
| Fine brown sand, clay and mica | 10 | 173 |
| Layer gray clay | at | 173 |
| Brown sand and clay | 7 | 180 |
| Hard black clay | 9 | 189 |
| Fine dirty brown sand | 2 | 191 |
| Fine brown sand and clay | 6 | 197 |
| Fairly clean brown sand | 5 | 202 |
| Soft sandy clay | 5 | 207 |
| Hard sandy clay | 1 | 208 |
| Dirty brown sandy clay, mica | 3 | 211 |
| Light brown fine sand and mica | 6 | 217 |
| Fine to medium clean sand | 5 | 222 |
| Brown sand, fairly clean | 2 | 224 |
| Coarse brown sand | 1 | 225 |
| Layer clay, hardpan | at | 225 |
| Fine to coarse dirty sand, lump of clay | 5 | 230 |
| Layer brown clay, hardpan | 1 | 231 |
| Very fine silty sand | 9 | 240 |
| Clean sharp fine to medium sand | 15 | 255 |
| Solid gray clay | at | 255 |
| Brown sandy clay | 5 | 260 |
| Fine reddish brown sand, mica | 9 | 269 |
| Fine sand and clay | 3 | 272 |
| Dirty fine sand | 6 | 278 |
| Fine to medium red brown sand | 3 | 281 |
| Brown sand, lumps of clay | 8 | 290 |
| Fine sand and clay | 2 | 292 |
| Fine sand and clay | 6 | 298 |
| Hard brown clay | 2 | 300 |
| Soupy dirty brown sand and mica | 10 | 310 |
| Fine clean sharp sand | 5 | 315 |
| Fine to medium soupy brown sand | 2 | 317 |
| Solid gray clay | 5 | 322 |
| Solid gray clay | 14 | 336 |
| Light brown sand, mica, lump clay | 8 | 344 |
| Fine gray white sand | 14 | 358 |
| Fine yellow brown sand, hardpan | 7 | 365 |
| Fine light brown sand, gray and white clay | 1 | 366 |
| Fine silty brown sand, clay, mica | 22 | 388 |
| Clay, brown coarse sand | 2 | 390 |

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N-4493. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Dirty formation clay, hardpan, soupy sand | 16 | 406 |
| Fine gray sand, mica, grits | 18 | 424 |
| Fairly clean fine brown sand | 18 | 442 |
| Fine to medium gray brown sand | 5 | 447 |
| Layer hard gray clay | 2 | 449 |
| Dark gray dirty sand | 6 | 455 |
| Hardpan | at | 455 |
| Light brown coarse sand | 6 | 461 |
| Clay | at | 461 |
| Soupy light brown sand, hardpan | 4 | 465 |
| Very fine light brown sand, clay | 6 | 471 |
| Solid gray clay | 3 | 474 |
| Sandy clay and hard sand | at | 474 |

Casing: 8 inches.

Screen: 30 feet of 6 inch with bottom at 458½ feet.

Pumping test:

December 12, 1954. Duration: 4 hours
Static water level: 96½ feet
Yield: 300 gpm

N-4498. (C-6) Sears Roebuck & Company, north of Main Street and west of Columbia Street, Hempstead. Drilled by Eastern Well & Pump Co., April 22, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Coarse brown sand | 6 | 16 |
| Light brown, clean sharp sand, grits and gravel | 2 | 18 |
| Dark brown grits and gravel | 32 | 50 |
| Light brown, clean sand, small grits and gravel | 6 | 56 |

Casing: 4 inches.

Screen: 5⅔ feet of 4 inch with bottom at 55⅔ feet.

Pumping test:

April 22, 1954. Duration: 3 hours
Static water level: 10 feet
Yield: 50 gpm

N-4507. (B-5) Ellis Davidson, northwest of Sealy Avenue and Sterling Place, Lawrence. Drilled by Eastern Well & Pump Co., May 11, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 7 | 7 |
| Fine white sand | 3 | 10 |
| Hard-packed fine white sand | 7 | 17 |
| Fine brown sand and clay | 6 | 23 |
| Dirty brown sand, grits, some stones | 5 | 28 |
| Dark brown coarse sand, grits | 7 | 35 |
| Coarse light brown sand, grits, heavy gravel | 6 | 41 |
| Fine silty black sand | 2 | 43 |

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N-4507. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 39 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 11, 1954. Duration: | 2 hours |
| Static water level: | 4 feet |
| Drawdown: | 5½ feet |
| Yield: | 50 gpm |

N-4511. (E-7) Leo G. Nunes, Incorporated Village of Cove Neck. Drilled by E. K. Hutchinson & Son, August 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 30 | 30 |
| Clay | 60 | 90 |
| Sand and gravel | 15 | 105 |

Casing: 6 inches.

Screen: 5 feet of 5½ inch with bottom at 110 feet.

Pumping test:

| | |
|---------------------------|---------|
| Duration: | 8 hours |
| Static water level: | 30 feet |
| Drawdown: | 85 feet |
| Yield: | 6 gpm |

N-4512. (C-5) Jamaica Water Supply Company, north of Southern State Parkway and west of Franklin Avenue, North Valley Stream. Drilled by Layne-New York Co., Inc., July 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Coarse red sand | 40 | 40 |
| Sand and gravel | 23 | 63 |
| Fine muddy sand and clay | 17 | 80 |
| White clay, fine sand | 29 | 109 |
| Blue clay | 2 | 111 |
| Muddy sand, clay and wood | 74 | 185 |
| Sand and gravel, streaks of clay | 38 | 223 |
| Muddy sand, wood, streaks of hard clay | 40 | 263 |
| Medium fine sand, wood and clay streaks | 34 | 297 |
| Tough clay | 12 | 309 |
| Medium coarse sand, clay streaks | 39 | 348 |
| Clay | 9 | 357 |
| Sand and gravel | 5 | 362 |
| Tough clay | 14 | 376 |
| Sand and gravel, clay streaks | 38 | 414 |
| Sandy clay, sand and gravel | 24 | 438 |
| Coarse sand, gravel, wood and clay | 24 | 462 |
| Coarse sand and fine gravel | 35 | 497 |
| Coarse sand, white clay | 8 | 505 |
| Tough clay | 5 | 510 |
| Black clay | 12 | 522 |

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 504 feet.

Pumping test:

| | |
|-------------------------------|----------|
| May 20, 1954. Duration: | 8 hours |
| Static water level: | 18 feet |
| Drawdown: | 64 feet |
| Yield: | 1700 gpm |

N-4513. (B-5) Murray Silverman, southeast of Pepperidge Road and Azure Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., April 24, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Black bog, beach sand | 5 | 6 |
| Dirty brown sand and grits | 4 | 10 |
| Clean brown sand, grits and gravel | 3 | 13 |
| Brown coarse sand, grits and gravel | 9 | 22 |
| Red-brown sand, mostly grits and gravel | 3 | 25 |
| Clean red-brown sand, grits and gravel | 4 | 29 |
| Solid brown clay | | below 29 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 25½ feet.

Pumping test:

April 24, 1954. Duration: 2 hours
Static water level: 4 feet
Yield: 50 gpm

N-4514. (B-5) Samuel Zimmerman, southeast of Fairway and Lakeside Drive, Woodmere. Drilled by Eastern Well & Pump Co., June 1, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Beach sand | 3 | 4 |
| Dark brown sand | 6 | 10 |
| Light brown clean sand, lot of small grit and gravel | 10 | 20 |
| Gray-brown sand, grit and gravel | 8 | 28 |
| Medium sharp gray-brown sand, grit and gravel | 1 | 29 |
| Solid gray clay | | below 29 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 28 feet.

Pumping test:

June 1, 1954. Duration: 2 hours
Static water level: 8½ feet
Yield: 50 gpm

N-4515. (B-5) Jack Wachs, southwest of Clubhouse Road and Tee Court, Woodmere. Drilled by Eastern Well & Pump Company, April 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Fine brown sandy loam | 2 | 3 |
| Fine uniform brown sand | 3 | 6 |
| Beach sand | 2 | 8 |
| Brown fairly clean medium sand, small grit and gravel | 12 | 20 |
| Light brown sharp coarse sand, grit and gravel | 3 | 23 |
| Layer of silt and beach sand | at | 23 |
| Light brown sand, grits and gravel | 1 | 24 |
| Dark gray sand, clay and mica | | below 24 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 24 feet.

N-4515. (Continued)

Pumping test:
April 27, 1954. Duration: 2 hours
Static water level: 6½ feet
Yield: 50 gpm

N-4516. (B-5) Sol M. Weingast, southwest of Dolphin Drive and Curtis Road, Hewlett Neck. Drilled by Eastern Well & Pump Co., May 17, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Fill, sand and rocks | 3 | 3 |
| Beach sand, bog, clam shells | 12 | 15 |
| Hard sandy black clay | 3 | 18 |
| Dirty gray-brown sand, grits and gravel | 2 | 20 |
| Silt, lumps clay, clam shells | 8 | 28 |
| Fairly solid gray-black sandy clay | 4 | 32 |
| Hard gray clay | 11 | 43 |
| Medium to coarse dirty sand, some small grits | 5 | 48 |
| Small sharp cleaner sand, grits | 4 | 52 |
| Fine clean light brown sand | 2 | 54 |
| Medium coarse gray sand, grit and gravel | 9 | 63 |
| Brown dirty sand, lumps hard gray clay | | below 63 |

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 60 feet.

Pumping test:
July 14, 1954. Duration: 2 hours
Static water level: 6½ feet
Drawdown: 10½ feet
Yield: 50 gpm

N-4518. (E-7) Robert Rose, north of Valley Road and east of Chicken Valley Road, Matinecock. Drilled by Mathies Well & Pump Co., Inc., April 22, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Heavy gravel and coarse sand | 80 | 86 |
| Medium sand and grits | 5 | 91 |

Casing: 6 inches.

Screen: 11 feet of 3¾ inch with bottom at 90 feet.

Pumping test:
April 22, 1954. Duration: 4 hours
Yield: 25 gpm

N-4532. (C-5) Freeman Hendrickson, north of East Carpenter Street and west of Cornwall Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., April 30, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 27 | 27 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 27 feet.

Pumping test:
Duration: 2 hours
Static water level: 6 feet
Drawdown: 7 feet
Yield: 50 gpm

N-4541. (B-5) Samuel Stein, south of Lefferts Road and east of Cedar Avenue, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., June 7, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Sand and heavy gravel | 9 | 9 |
| Bog, dirty water | 8 | 17 |
| Dark brown sand and stones | 3 | 20 |
| Gray hard clay | 3 | 23 |
| Clam shells, dirty water bearing sand | 1 | 24 |
| Clam shells, sand, some stones | 7 | 31 |
| Clam shells, very fine sand | 7 | 38 |
| Hard gray clay | 2 | 40 |
| Medium sharp sand, some grit, dirty water | 5 | 45 |
| Medium coarse sand, grits | 8 | 53 |
| Grit, gravel, some fine sand | 2 | 55 |
| Dark brown sand, lot of grit and gravel | 3 | 58 |
| Casing: 4 inches. | | |
| Screen: 11½ feet of 4 inch with bottom at 47 feet. | | |
| Pumping test: | | |
| June 7, 1954. Duration: | | 2 hours |
| Static water level: | | 5 feet |
| Yield: | | 50 gpm |

N-4542. (B-5) Charles Goldberger, south of Piedmont Street and west of Vedor Drive, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., August 19, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Pit | 4 | 4 |
| Fine brown sandy silt, mica | 14 | 18 |
| Dirty layer gravel, hard gray clay | 1 | 19 |
| Dark gray sandy silt, soft clay | 12 | 31 |
| Dark gray sandy clay, clam shells | 7 | 38 |
| Gray sand, dirty small grit, has life | 6 | 44 |
| Solid gray clay | 5 | 49 |
| Fine to medium sharp light brown sand, mica, small grits | 11 | 60 |
| Very dark brown sand, mica, silty looking | | below 60 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 54 feet. | | |
| Pumping test: | | |
| August 19, 1954. Duration: | | 2 hours |
| Static water level: | | 7½ feet |
| Drawdown: | | 17½ feet |
| Yield: | | 50 gpm |

N-4548. (D-7) Milleridge Inn, south of Jericho Turnpike and east of Jericho-Hicksville Road, Jericho. Drilled by Mathies Well & Pump Co., August 18, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Sand, gravel and boulders | 10 | 18 |
| Yellow clay and gravel | 4 | 22 |
| Hardpan | 11 | 33 |
| Heavy gravel | 31 | 64 |
| Coarse sand and gravel | 21 | 85 |

N-4548. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Very heavy gravel and some sand | 20 | 105 |
| Yellow clay and gravel | 7 | 112 |
| Sand, gravel and some yellow clay | 16 | 128 |
| Yellow clay and grits | 9 | 137 |
| Coarse gravel | 1 | 138 |
| Yellow clay and gravel | 3 | 141 |
| Grits and gravel | 2 | 143 |
| Coarse sand and gravel | 7 | 150 |
| White clay and fine sand | | below 150 |
| Casing: 8 inches. | | |
| Screen: 11½ feet of 4 inch with bottom at 150 feet. | | |
| Pumping test: | | |
| June 21, 1954. Duration: | 1 | hour |
| Static water level: | 114⅔ | feet |
| Yield: | 75 | gpm |

N-4558. (B-6) Grand Union Store, south of Randall Avenue and west of North Village Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., June 29, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Pit | 4 | 4 |
| Fill and loamy sand | 6 | 10 |
| Coarse sand and gravel | 10 | 20 |
| Blue clay and sand | 5 | 25 |
| Medium coarse sand and some gravel | 25 | 50 |
| Coarse sand and gravel | 5 | 55 |
| Fine grayish-brown sand | 2 | 57 |
| Fine gray sand and clay | 3 | 60 |
| Casing: 4 inches. | | |
| Screen: 11 feet of 4 inch with bottom at 51 feet. | | |
| Pumping test: | | |
| May 4, 1954. Duration: | 4 | hours |
| Static water level: | 6 | feet |
| Drawdown: | 9 | feet |
| Yield: | 75 | gpm |

N-4574. (B-5) Sidney Pincus, southwest of Pepperidge and Azure Roads, Hewlett Harbor. Drilled by Eastern Well & Pump Co., May 11, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Beach sand, black bog | 6 | 6 |
| Dirty brown sand | 4 | 10 |
| Brown sand, grits and gravel | 12 | 22 |
| Red-brown sand, mostly grits and gravel | 3 | 25 |
| Clean red-brown sand, grits | 6 | 31 |
| Casing: 4 inches. | | |
| Screen: 5½ feet of 4 inch with bottom at 30 feet. | | |
| Pumping test: | | |
| May 11, 1954. Duration: | 2 | hours |
| Static water level: | 4 | feet |
| Yield: | 50 | gpm |

N-4576. (B-6) Good Humor Corporation, north of Mahland Place and west of Long Beach Road, Oceanside. Drilled by S. J. Breen Co., Inc., August 27, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------|---------------------|-----------------|
| Sand and clay | 4 | 4 |
| Coarse sand and grit | 36 | 40 |

Casing: 6 inches.

Screen: 6 feet of 5½ inch with bottom at 39½ feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 27, 1954. Duration: | 4 hours |
| Static water level: | 9 feet |
| Drawdown: | 11 feet |
| Yield: | 60 gpm |

N-4577. (C-5) Koenig's Restaurant, north of Mayflower Street and west of South Tyson Avenue, Floral Park. Drilled by Mathies Well & Pump Co., Inc., May 15, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Cellar | 8 | 8 |
| Coarse sand, little gravel | 31 | 43 |
| Coarse sand, grits, few gravel | 15 | 58 |
| Coarse sand and gravel | 12 | 70 |

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 61 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 15, 1954. Duration: | 2 hours |
| Static water level: | 35 feet |
| Yield: | 45 gpm |

N-4579. (B-5) Samuel Meiselman, southwest of Union and Rowe Avenues, Lynbrook. Drilled by Eastern Well & Pump Co., June 9, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Orange sand, grit and small stones | 10 | 10 |
| Fine sand | 2 | 12 |
| Heavy gravel, large stones, yellow sand | 6 | 18 |
| Yellow-brown sand, grits and gravel | 1 | 19 |
| Very hard-packed gray sand | 2 | 21 |
| Light brown sand and grits | 4 | 25 |
| Clean coarse sand, many grits | 15 | 40 |

Casing: 4 inches.

Screen: 4⅔ feet of 4 inch with bottom at 39⅔ feet.

Pumping test:

| | |
|-------------------------------|----------|
| June 9, 1954. Duration: | 2 hours |
| Static water level: | 19½ feet |
| Yield: | 35 gpm |

N-4593. (E-8) Mrs. Joanna Hadden, south of Route 25A and west of Depot Road, Cold Spring Harbor. Drilled by Weidner's Pump Service, July 1, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Stones | 22 | 30 |
| Fine sand | 45 | 75 |
| Fine sand and clay | 33 | 108 |
| Fine sand and white clay | 23 | 131 |
| Sand | 4 | 135 |
| White clay | 15 | 150 |
| Coarse sand and gravel | 9 | 159 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 156½ feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 29, 1954. Duration: | 4 hours |
| Static water level: | 20 feet |
| Drawdown: | 38 feet |
| Yield: | 55 gpm |

N-4596. (D-5) Grand Union Store, 182 Plandome Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., September 10, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Concrete and fill | 1 | 1 |
| Coarse sand, heavy gravel | 2 | 3 |
| Coarse medium brown sand and gravel | 23 | 26 |
| Coarse brown sand and gravel | 48 | 74 |
| Medium fine yellow lumps of clay | 10 | 84 |
| Fine gray sand | 9 | 93 |
| Medium to fine yellow sand | 5 | 98 |
| Fine gray sand | 17 | 115 |
| Medium fine yellow sand and yellow clay | 5 | 120 |
| Medium to fine gray sand | 5 | 125 |
| Medium fine sand and grits | 7 | 132 |
| Coarse gray sand and grits | 8 | 140 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 138 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 26, 1954. Duration: | 5 hours |
| Static water level: | 95 feet |
| Drawdown: | 7 feet |
| Yield: | 45 gpm |

N-4598. (C-7) Grand Union Store, north of Levittown Parkway and west of Newbridge Road, Levittown. Drilled by C. W. Lauman & Co., Inc., September 21, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Coarse sand and gravel | 64 | 72 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 63 feet.

(Continued on next page)

N-4598. (*Continued*)

Pumping test:
September 14, 1954. Duration: 2 hours
Static water level: 32 feet
Drawdown: 8 feet
Yield: 75 gpm

N-4617. (D-7) Plainview Center, Inc., north of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 21, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Fill | 10 | 10 |
| Coarse sand and gravel | 13 | 23 |
| Sand and clay | 77 | 100 |
| Medium coarse sand, clay | 10 | 110 |
| Sandy clay | 5 | 115 |
| Clay | 1 | 116 |
| Brown sand, clay (active) | 7 | 123 |
| Fine to medium yellow sand (active) | 3 | 126 |
| Medium yellow sand | 3 | 129 |
| Medium fine yellow sand and gravel | 9 | 138 |
| Medium yellow sand and gravel | 6 | 144 |
| Fine yellow sand | 31 | 175 |
| Fine brown sand | 3 | 178 |
| Fine to medium brown sand | 18 | 196 |
| Fine yellow sand | 7 | 203 |

Casing: 6 inches.

Screen: 25 feet of 6 inch with bottom at 199 feet.

Static water level: 93 feet
Yield: 150 gpm

N-4623. (D-6) Roslyn Water District, north of Diana's Trail and east of Searingtown Road, Roslyn. Drilled by Layne-New York Co., Inc., April 14, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Gravel and boulders | 6 | 8 |
| Hard clay | 10 | 18 |
| Sand, gravel and boulders | 50 | 68 |
| Hard sand | 40 | 108 |
| Very hard sand | 22 | 130 |
| Sand, gravel, streaks of clay | 60 | 190 |
| Hard-packed sand and clay | 87 | 277 |
| Hard sand and wood | 33 | 310 |
| Hard dry sand | 55 | 365 |
| Hard streaks | 1 | 366 |
| Hard sand, fine gravel | 56 | 422 |
| Hard sand and clay | 10 | 432 |
| Hard sand and gravel | 16 | 448 |
| Coarse sand and gravel, some hard streaks | 53 | 501 |
| Tough white clay | 20 | 521 |

Casing: 18 inches.

Screen: 50 feet of 12 inch with bottom at 498 feet.

N-4623. (*Continued*)

Pumping test:
April 14, 1955. Duration: 8 hours
Static water level: 201 feet
Drawdown: 76 feet
Yield: 1050 gpm

N-4633. (D-7) Meadowbrook Club, north of Jericho Turnpike and west of Hicksville Road, Jericho. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Loam and large gravel | 2 | 2 |
| Coarse brown sand, grits, large gravel, niggerheads | 50 | 52 |
| Coarse brown sand, gravel, grits | 50 | 102 |
| Medium coarse brown sand, grits | 55 | 157 |
| Fine brown sand and clay | 5 | 162 |
| Coarse brown sand, grits, gravel | 11 | 173 |
| Medium coarse brown sand and grits | 44 | 217 |
| Fine brown sand, streaks of clay | 32 | 249 |
| Fine brown sand | 20 | 269 |
| Fine brown sand, streaks of solid sandy clay | 4 | 273 |
| Fine gravel, sand, clay, layers of sandy clay | 16 | 289 |
| Fine gray sandy clay | 19 | 308 |

Casing: 16 inches.

Screen: 52 feet of 12 inch with bottom at 205½ feet.

Pumping test:
August 25, 1954. Duration: 8 hours
Static water level: 94 feet
Drawdown: 15 feet
Yield: 1250 gpm

N-4640. (C-5) The Fairlanes, Inc., north of Lakeville Road and west of Lowell Avenue, New Hyde Park. Drilled by Eastern Well & Pump Co., July 30, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Fill | 7 | 7 |
| Dark brown coarse sand | 38 | 45 |
| Dark brown coarse sand and lot of grits | 15 | 60 |
| Dark brown coarse sand | 7 | 67 |
| Light brown coarse sand | 9 | 76 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 79 feet.

Pumping test:
November 24, 1954. Duration: 3 hours
Static water level: 45 feet
Yield: 100 gpm

N-4678. (E-5) Manda Realty Co., Inc., north of Yennercock Avenue and west of Sagamore Hill Road, Manorhaven. Drilled by Mathies Well & Pump Co., Inc., December 28, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Medium sand | 6 | 7 |
| Bog | 2 | 9 |

(Continued on next page)

N-4678. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Medium sand | 4 | 13 |
| Coarse sand and gravel | 3 | 16 |
| Fine sand and few small grits | 5 | 21 |
| Fine sand | 10 | 31 |

Casing: 4 inches.

Screen: 9 feet of 4 inch with bottom at 30 feet.

Pumping test:

| | | |
|------------------------------------|----|-------|
| December 28, 1954. Duration: | 2 | hours |
| Static water level: | 9½ | feet |
| Yield: | 75 | gpm |

N-4693. (B-6) Krown Realty, east of Grand Avenue and north of Brooklyn Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., September 9, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Fine brown sand | 10 | 19 |
| Coarse brown sand, grits and gravel | 12 | 31 |
| Very fine sand and mica | 3 | 34 |
| Very fine gray sand and mica | 3 | 37 |
| Fine gray sand, clay and some shells | 2 | 39 |
| Fine gray sand and mica | 10 | 49 |
| Gray clay | | below 49 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

| | | |
|------------------------------------------|----|------|
| July 21, 1954. Static water level: | 9 | feet |
| Drawdown: | 11 | feet |
| Yield: | 60 | gpm |

N-4695. (D-5) Grand Union Store, south of Revere Drive and east of Port Washington Boulevard, Port Washington. Drilled by C. W. Lauman & Co., Inc., August 25, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Pit | 4 | 4 |
| Fill | 4 | 8 |
| Coarse brown sand and gravel | 21 | 29 |
| Gray clay | 13 | 42 |
| Gray clay, some gravel and stones | 11 | 53 |
| Medium fine brown sand and some gravel | 8 | 61 |
| Medium coarse light brown sand, some grits and gravel | 22 | 83 |

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 79 feet.

Pumping test:

| | | |
|----------------------------------|----|-------|
| August 25, 1954. Duration: | 4 | hours |
| Static water level: | 25 | feet |
| Drawdown: | 8 | feet |
| Yield: | 79 | gpm |

N-4708. (D-7) Pittsburgh Plate Glass Co., Hicksville. Drilled by Layne-New York Co., Inc., October 7, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Sand and gravel | 34 | 36 |
| Iron pyrites and clay | 6 | 42 |
| Red sand | 5 | 47 |
| Coarse white sand | 2 | 49 |
| White clay streaks | 6 | 55 |
| Medium white sand | 19 | 74 |
| White and gray clay | 6 | 80 |
| Soft white clay | 7 | 87 |
| Fine white sand | 3 | 90 |
| White and blue clay | 2 | 92 |
| Coarse sand and gravel | 6 | 98 |
| Medium white sand | 13 | 111 |
| White clay, yellow streaks | 9 | 120 |
| Clay and iron pyrite | 2 | 122 |
| Medium and fine white sand | 2 | 124 |
| White, gray and yellow clay | 7 | 131 |
| Hard gray clay | 3 | 134 |
| Iron pyrites and gray clay | 4 | 138 |
| Medium and fine white sand | 2 | 140 |
| Fine sand | 2 | 142 |
| Iron pyrites, fine sand | 7 | 149 |
| Iron pyrites and clay | 4 | 153 |
| Yellow clay | 1 | 154 |
| Medium fine sand | 1 | 155 |
| Sandy gray clay | 2 | 157 |
| Medium sand and iron pyrite | 13 | 170 |
| Clay and iron pyrites | 1 | 171 |
| Medium white sand | 1 | 172 |
| Iron pyrites and clay | 5 | 177 |

Casing: 10 and 16 inches.

Screen: 20 feet of 10 inch with bottom at 169 feet.

Pumping test:

| | | |
|--------------------------------|-----|-------|
| July 19, 1954. Duration: | 3 | hours |
| Static water level: | 47½ | feet |
| Drawdown: | 13 | feet |
| Yield: | 439 | gpm |

N-4754. (D-4) Sam Praver, north of Beach Road and west of West Shore Road, Kings Point. Drilled by C. W. Lauman & Co., Inc., November 12, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Brown sand and fine gravel | 24 | 24 |
| Brown sand and medium coarse gravel | 20 | 44 |
| Brown sand and coarse gravel | 15 | 59 |
| Yellow sand, coarse gravel, clay | 15 | 74 |
| Yellow sand, medium coarse gravel, clay | 8 | 82 |
| Fine yellow sand, gravel, clay | 4 | 86 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 86 feet.

| | | |
|------------------------------------|----|-------|
| November 12, 1954. Duration: | 2 | hours |
| Static water level: | 47 | feet |
| Drawdown: | 34 | feet |
| Yield: | 65 | gpm |

N-4756. (C-7) Uniondale Water District, south of Wilson Road and east of Sterling Street, East Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand and gravel | 50 | 53 |
| Coarse brown sand, gravel and brown clay | 3 | 56 |
| Solid gray clay, layers of lignite | 12 | 68 |
| Medium fine gray sand, grit, gravel and clay | 2 | 70 |
| Fine gray sand, clay | 37 | 107 |
| Fine brown sand | 11 | 118 |
| Fine gray sand—streaks sandy clay, solid clay lignite | 36 | 154 |
| Solid gray clay | 19 | 173 |
| Fine gray sandy clay | 6 | 179 |
| Fine gray sand, layers of sandy clay and lignite | 34 | 213 |
| Fine gray sand, mica, clay | 17 | 230 |
| Fine gray sand, mica, streaks of clay, lignite | 14 | 244 |
| Fine gray sand, mica, streaks lignite | 10 | 254 |
| Fine gray sand, streaks of lignite, solid clay | 6 | 260 |
| Fine gray sand, mica, streaks of lignite | 28 | 288 |
| Fine gray sand, mica, streaks lignite, solid clay | 17 | 305 |
| Solid gravel, streaks of fine gray sand, lignite | 6 | 311 |
| Fine gray sandy clay, streaks of lignite, solid clay | 9 | 320 |
| Fine gray sand, mica, streaks of lignite, pyrite | 29 | 349 |
| Fine gray sandy clay | 5 | 354 |
| Fine gray sand, clay, mica | 53 | 407 |
| Solid gray clay | 10 | 417 |
| Fine gray sand, solid clay, lignite | 6 | 423 |
| Fine brown sand, mica, clay | 4 | 427 |
| Fine brown sand, mica | 17 | 444 |
| Medium, coarse brown sand, clay | 17 | 461 |
| Gray sandy clay, solid clay, lignite | 5 | 466 |
| Fine brown sand, sandy and solid clay, lignite | 5 | 471 |
| Fine brown sand | 10 | 481 |
| Fine gray sand, layers of sandy clay, lignite | 10 | 491 |
| Gray sandy clay | 4 | 495 |
| Solid gray clay | 6 | 501 |
| Fine brown sand | 5 | 506 |
| Fine brown sand, streaks of clay, lignite | 6 | 512 |
| Fine brown sand, streaks of sandy clay, grits | 11 | 523 |
| Gray sandy clay | 30 | 553 |
| Medium brown sand, streaks of gray sandy clay | 5 | 558 |
| Fine brown sand, grits, gravel, streaks of clay | 15 | 573 |
| Solid gray clay | 5 | 578 |
| Medium coarse brown sand, gray sand, grits, streaks of clay | 12 | 590 |
| Coarse brown pinkish sand, clay, grits, gravel, streaks of solid clay | 16 | 606 |
| Coarse brown sand, grits, gravel | 21 | 627 |
| Medium brown sand | 5 | 632 |
| Coarse brown sand, grits, gravel, stones, streaks of solid clay | 3 | 635 |
| Solid hard multi-colored clay, gravel | 16 | 651 |
| Fine gray sandy clay, streaks solid clay | 31 | 682 |
| Solid gray clay, streaks of sandy clay, lignite | 12 | 694 |
| Solid hard brown gravel clay | 10 | 704 |
| Solid gray clay, streaks pyrite | 32 | 736 |
| Fine gray sandy clay, mica | 21 | 757 |
| Solid gray clay, streaks pyrite | 28 | 785 |
| Solid gray clay, streaks sandy clay, lignite | 22 | 807 |
| Solid hard gray and red clay | 9 | 816 |
| Gray sandy clay, mica | 6 | 822 |
| Fine gray sand, mica, streaks of solid clay | 5 | 827 |

N-4756. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, mica | 36 | 863 |
| Medium gray sand, grits, gravel | 19 | 882 |
| Fine gray sandy clay, mica | 17 | 899 |
| Medium fine gray sand, clay, streaks of solid clay | 9 | 908 |

Casing: 18 inches.

Screen: 62½ feet of 12 inch with bottom at 307 feet.

Pumping test:

| | |
|----------------------------------|----------|
| October 6, 1954. Duration: | 8 hours |
| Static water level: | 21 feet |
| Drawdown: | 29 feet |
| Yield: | 1200 gpm |

N-4760. (E-7) Pine Hollow Country Club, north of North Hempstead Turnpike and east of Split Rock Road, East Norwich. Drilled by C. W. Lauman & Co., Inc., August 15, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Loam and sandy clay | 5 | 5 |
| Coarse brown sand, gravel, boulders | 47 | 52 |
| Coarse brown sand, gravel, large stones | 21 | 73 |
| Coarse brown sand, gravel, some clay | 82 | 155 |
| Medium brown sand | 30 | 185 |
| Fine brown sand, some gravel | 33 | 218 |
| Fine brown sand, some gravel | 3 | 221 |
| Coarse brown sand, gravel, streaks clay | 4 | 225 |
| Medium brown sand, gravel | 19 | 244 |

Casing: 12 inches.

Screen: 32 feet of 8 inch with bottom at 240 feet.

Pumping test:

| | |
|-------------------------------------|----------|
| September 15, 1954. Duration: | 4 hours |
| Static water level: | 172 feet |
| Drawdown: | 13 feet |
| Yield: | 674 gpm |

N-4763. (E-5) Gustave Schindler Estate, north of Middle Neck Road and west of Harbor Hills Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., September 20, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Pit | 4 | 4 |
| Large stones, gravel and sand | 36 | 40 |
| Coarse sand and gravel | 35 | 75 |
| Fine sand | 21 | 96 |
| Medium fine sand, grit and gravel | 11 | 107 |
| Sandy clay | 8 | 115 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 102 feet.

| | |
|---------------------------|---------|
| Static water level: | 89 feet |
| Yield: | 13 gpm |

N-4766. (C-7) Sunrise Food Exchange, north of Falcon Street and east of Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Cellar | 9 | 9 |
| Clean brown sand | 12 | 21 |
| Clean brown sand, grits, gravel (darker) | 15 | 36 |
| Clean brown sand, grits, gravel | 13 | 49 |

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 49 feet.

Pumping test:

| | | |
|---------------------------------|-----|-------|
| August 6, 1954. Duration: | 2 | hours |
| Static water level: | 13½ | feet |
| Drawdown: | 71 | feet |
| Yield: | 69 | gpm |

N-4772. (C-6) Great Neck Saw Co., south of Union Street and west of East Second Street, Mineola. Drilled by Fred Habenicht & Sons, November 29, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Well pit | 6 | 6 |
| Coarse sand and gravel | 32 | 38 |
| Very coarse sand and pebbles | 21 | 59 |
| Large stones | 9 | 68 |
| Very coarse sand and pebbles | 11 | 79 |
| Very fine red sand | 2 | 81 |

Casing: 6 inches.

Screen: 10 feet of 5¾ inch with bottom at 79 feet.

Pumping test:

| | | |
|-----------------------------------|----|------|
| November 3, 1954. Duration: | 1 | day |
| Static water level: | 45 | feet |
| Drawdown: | 16 | feet |
| Yield: | 85 | gpm |

N-4789. (C-7) Empress Diners, Inc., Hempstead Turnpike and Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 6 | 6 |
| Clean, light brown sand, grit and gravel | 1 | 7 |
| Very clean coarse sand | 11 | 18 |
| Heavy gravel, coarse sand | 4 | 22 |
| Layer sand and gravel (dirty) | at | 22 |
| Sand and gravel, clean and sharp | 4 | 26 |
| Clean sharp light brown sand, some grit and gravel | 6 | 32 |
| Clean sand and gravel | 10 | 42 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

Pumping test:

| | | |
|--------------------------------|-----|-------|
| July 29, 1954. Duration: | 2 | hours |
| Static water level: | 21½ | feet |
| Drawdown: | 2 | feet |
| Yield: | 30 | gpm |

N-4807. (C-5) Redvanly Men's Shop, south of Tulip Avenue and west of Plainfield Road, Floral Park. Drilled by Eastern Well & Pump Co., December 20, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Light gray brown sand, grits | 14 | 23 |
| Coarse brown sand | 34 | 57 |
| Very coarse clean sand, lot of grits and gravel | 8 | 65 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 58 feet.

Pumping test:

| | |
|------------------------------------|---------|
| December 20, 1954. Duration: | 3 hours |
| Static water level: | 39 feet |
| Drawdown: | 7 feet |
| Yield: | 45 gpm |

N-4815. (B-6) Doctors Hospital, north of Merrick Road and west of Bayview Avenue, Freeport. Drilled by Eastern Well & Pump Co., March 24, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Brown medium sand | 3 | 3 |
| Brown coarse sand, grits and few gravel | 27 | 30 |
| Fine gray beach sand, wood and mica | 74 | 104 |
| Medium gray sand | 7 | 111 |
| Medium to coarse gray sand and grits | 18 | 129 |
| Gray clay | 4 | 133 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 127 feet.

Pumping test:

| | |
|------------------------------------|----------------------|
| December 10, 1954. Duration: | 2 hours |
| Static water level: | 5 $\frac{2}{3}$ feet |
| Drawdown: | 4 feet |
| Yield: | 75 gpm |

N-4859. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., October 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Brown sand | 15 | 15 |
| Sand, gravel | 10 | 25 |
| Hardpan, boulders | 17 | 42 |
| Sand, gravel | 8 | 50 |
| Sandy clay | 21 | 71 |
| Muddy sand | 19 | 90 |
| Gray clay | 82 | 172 |
| Fine sand | 4 | 176 |
| Sandy clay, lignite | 14 | 190 |
| Fine sand | 11 | 201 |
| Brown clay | 1 | 202 |
| Brown muddy sand | 11 | 213 |
| Gray sand, fine to coarse | 32 | 245 |
| Blue clay, lignite | 8 | 253 |
| Sand | 2 | 255 |

(Continued on next page)

N-4859. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------|---------------------|-----------------|
| Clay, lignite | 8 | 263 |
| Gravel | 2 | 265 |
| Clay, lignite | 16 | 281 |
| Sand gravel | 7 | 288 |
| Clay | 7 | 295 |
| Sand, gravel | 5 | 300 |
| Clay | 25 | 325 |
| Sand | 5 | 330 |
| Clay | 15 | 345 |
| Muddy brown sand | 3 | 348 |
| Sand, gravel | 40 | 388 |
| Red muddy sand | 1 | 389 |

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 385 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 28, 1954. Duration: | 8 hours |
| Static water level: | 58 feet |
| Drawdown: | 14 feet |
| Yield: | 305 gpm |

N-4860. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., November 16, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Gravel, streaks clay | 29 | 37 |
| Blue clay | 3 | 40 |
| Coarse sand and gravel | 53 | 93 |
| Clay | 11 | 104 |

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 90 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 16, 1954. Duration: | 8 hours |
| Static water level: | flows |
| Drawdown: | 20 feet |
| Yield: | 500 gpm |

N-4893. (D-5) Temple Beth-El, west of Middle Neck Road and north of Old Mill Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 17, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fine brown sand | 5 | 5 |
| Brown sandy clay | 20 | 25 |
| Brown sand and clay | 5 | 30 |
| Brown sand, small gravel | 15 | 45 |
| Brown sand, some gravel | 5 | 50 |
| Coarse brown sand and small gravel | 43 | 93 |
| Blue clay | 5 | 98 |

Casing: 6 inches.

Screen: 15 $\frac{3}{4}$ feet of 6 inch with bottom at 93 feet.

N-4893. (*Continued*)

Pumping test:

November 15, 1954. Duration: 8 hours
Static water level: 51 feet
Drawdown: 10 feet
Yield: 150 gpm

N-4924. (E-6) Woodside Farms, Inc., north of Glen Head Road and west of Cedar Swamp Road, Glen Head. Drilled by Long Island Water Supply Co., October 28, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand and gravel | 25 | 25 |
| Brown clay | 16 | 41 |
| Coarse sand and gravel | 20 | 61 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 61 feet.

Pumping test:

August 18, 1954. Duration: 4 hours
Static water level: 15 feet
Drawdown: 35 feet
Yield: 45 gpm

N-5007. (D-7) Westbury Water District, north of Brush Hollow Road and west of Kings Street, North Hempstead. Drilled by Layne-New York Co., Inc., May 16, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand, gravel | 14 | 14 |
| Brown clay | 1 | 15 |
| Sand, clay, iron oxide | 32 | 47 |
| Brown sandy clay | 3 | 50 |
| Gray clay | 24 | 74 |
| White-brown clay | 5 | 79 |
| Brown sand | 9 | 88 |
| Sand clay | 4 | 92 |
| White sand | 6 | 98 |
| Clay | 2 | 100 |
| White sand | 7 | 107 |
| Clay | 15 | 122 |
| Sand, clay | 21 | 143 |
| Brown sand | 8 | 151 |
| Various colored clay | 36 | 187 |
| Brown sand | 10 | 197 |
| White clay | 5 | 202 |
| White-brown sand | 21 | 223 |
| Red-white clay | 2 | 225 |
| White-brown sand | 35 | 260 |
| Brown-white clay | 2 | 262 |

Casing: 12 inches.

Screen: 50 feet of 12 inch with bottom at 260 feet.

Pumping test:

November 10, 1954. Duration: 8 hours
Static water level: 37 feet
Drawdown: 35 feet
Yield: 1110 gpm

N-5008. (C-6) Nahas Rug Co., south of Hempstead Turnpike and west of Spruce Street, West Hempstead. Drilled by Eastern Well & Pump Co., October 21, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Coarse stoney sand | 7 | 16 |
| Clean coarse yellow-brown sand, grits and gravel | 20 | 36 |

Casing: 4 inches.

Screen: 4 $\frac{1}{2}$ feet of 4 inch with bottom at 35 $\frac{1}{2}$ feet.

Pumping test:

| | | |
|------------------------------------|-----------------|-------|
| September 3, 1954. Duration: | 3 | hours |
| Static water level: | 16 | feet |
| Drawdown: | 3 $\frac{1}{2}$ | feet |
| Yield: | 40 | gpm |

N-5010. (B-5) Temple Israel, north of Central Avenue and east of Winchester Place, Lawrence. Drilled by Eastern Well & Pump Co., September 3, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Medium coarse sand | 5 | 5 |
| Medium sand, grits and gravel | 8 | 13 |
| Medium to coarse sand (brown), mostly grits and gravel | 8 | 21 |
| Medium to coarse sand, lots of grits and gravel | 8 | 29 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 28 $\frac{1}{2}$ feet.

Pumping test:

| | | |
|----------------------------------------------|------------------|------|
| September 3, 1954. Static water level: | 15 $\frac{1}{3}$ | feet |
| Drawdown: | 9 $\frac{1}{4}$ | feet |
| Yield: | 60 | gpm |

N-5020. (C-6) Mr. & Mrs. Charles Alban, west of Kensington Avenue and north of Stewart Avenue, Garden City. Drilled by Fred Habenicht & Sons, September 19, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and gravel | 44 | 46 |
| Sand and gravel | | below 46 |

Casing: 6 inches.

Screen: 8 feet of 4 inch with bottom at 46 feet.

Pumping test:

| | | |
|-------------------------------------|----|-------|
| September 17, 1954. Duration: | 4 | hours |
| Static water level: | 18 | feet |
| Drawdown: | 14 | feet |
| Yield: | 43 | gpm |

N-5023. (C-6) Albert De Meo, south of Stewart Avenue and east of Washington Avenue, Garden City. Drilled by Eastern Well & Pump Co., September 21, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Dirty brown sand, stones | 5 | 8 |
| Clean brown sand, stones | 12 | 20 |

N-5023. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Sand and gravel, some rust near static | 13 | 33 |
| Medium to fine sand and grits | 7 | 40 |
| Medium coarse sand, grits and gravel | 15 | 55 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 52 feet. | | |
| Pumping test: | | |
| September 21, 1954. Duration: | 2 hours | |
| Static water level: | 32 feet | |
| Yield: | 45 gpm | |

N-5026. (D-8) King Kullen Store, south of Old Country Road and east of Floral Avenue, Plainview. Drilled by C. W. Lauman & Co., Inc., October 14, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Coarse sand and gravel | 43 | 48 |
| Sand, some clay | 46 | 94 |
| Medium brown sand | 6 | 100 |
| Fine brown sand and clay | 9 | 109 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 109 feet. | | |
| Pumping test: | | |
| October 14, 1954. Duration: | 2 hours | |
| Static water level: | 72 feet | |
| Drawdown: | 23 feet | |
| Yield: | 70 gpm | |

N-5030. (C-6) Mercy Hospital Association, east of North Village Avenue and south of Southern State Parkway, Rockville Centre. Drilled by Eastern Well & Pump Co., October 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Medium to coarse brown sand | 25 | 33 |
| Medium to coarse reddish brown sand | 6 | 39 |
| Casing: 8 inches. | | |
| Screen: 5 feet of 8 inch with bottom at 39 feet. | | |
| Pumping test: | | |
| September 9, 1954. Duration: | 8 hours | |
| Static water level: | 17 feet | |
| Drawdown: | 4 feet | |
| Yield: | 160 gpm | |

N-5031. (C-6) Herbert Elsinger, south of Seventh Avenue and east of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., November 5, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and heavy gravel | 43 | 43 |
| Casing: 4 inches. | | |
| Screen: 5½ feet of 4 inch with bottom at 43 feet. | | |

(Continued on next page)

N-5031. (Continued)

Pumping test:
November 5, 1954. Duration: 2 hours
Static water level: 22 feet
Yield: 40 gpm

N-5036. (C-7) Wantagh Fire District, north of Mill Road and east of Baltagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 15, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Coarse dark brown sand, grits and gravel | 7 | 8 |
| Coarse brown sand, grits and plenty of gravel | 37 | 45 |

Casing: 6 inches.

Screen : 16 feet of 6 inch with bottom at 44 feet.

Static water level: 7 feet

N-5038. (B-6) Rockpro Corporation, north of Hempstead Avenue and east of North Village Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., September 7, 1954

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Sand and gravel | 32 | 32 |
| Sand and balls of clay | 10 | 42 |
| Coarse sand and grits | 30 | 72 |

Casing: 6 inches.

Screen : 15 feet of 6 inch with bottom at 71 feet.

Pumping test:

September 7, 1954. Duration: 4 hours
Static water level: 13 feet
Drawdown: 11 feet
Yield: 150 gpm

N-5058. (D-7) Levitt Residence, south of Wheatly-Brookville Highway and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

| Log : | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Sand and sandy clay | 8 | 8 |
| Boulders in sandy clay | 54 | 62 |
| Coarse sand, grits, gravel and boulders | 6 | 68 |
| Coarse sand, grits, gravel in hard-packed clay | 18 | 96 |
| Solid brown clay (hard-packed) | 9 | 105 |
| Coarse sand, grits, gravel in clay, hard-packed | 24 | 129 |
| Solid brown clay | 6 | 135 |
| Sand, coarse, grits and gravel | 61 | 196 |
| Solid brown clay | 3 | 199 |
| Fine sand, grits, gravel and clay | 5 | 204 |
| Medium coarse sand, grits and gravel | 21 | 225 |
| Sand, grits in clay | 8 | 233 |
| Medium brown sand, grits and gravel | 20 | 253 |

Casing: 8 inches.

Screen : 20 feet of 8 inch with bottom at 255 feet

N-5058. (*Continued*)

Pumping test:
November 17, 1954. Duration: 5 hours
Static water level: 151 feet
Drawdown: 8 feet
Yield: 200 gpm

N-5061. (B-5) Morris Klein, south of Baylis Place and west of Warrick Road, Lynbrook.
Drilled by Eastern Well & Pump Co., May 16, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Hard dirty gravel | 5 | 8 |
| Brown sand, grits and gravel | 2 | 10 |
| Fine brown sand | 5 | 15 |
| Very hard fine brown sand | 10 | 25 |
| Fine gray sand, mica | 6 | 31 |
| Light brown sand, clean and sharp, many grits and gravel | 12 | 43 |

Casing: 4 inches.
Screen: 5 feet of 4 inch with bottom at 42 feet.

Pumping test:
May 6, 1955. Duration: 2 hours
Static water level: 19 feet
Drawdown: 2 feet
Yield: 45 gpm

N-5069. (D-6) S. Marino, north of Fox Hollow Lane and west of Old Westbury Road, Old Westbury. Drilled by Michael Grandazza, November 22, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Loam and sand | 15 | 15 |
| Gravel | 13 | 28 |
| Rock | 22 | 50 |
| Sand and water | 21 | 71 |
| Fine sand | 39 | 110 |
| Coarse sand and water | 30 | 140 |

Casing: 4 inches.
Screen: 12 feet of 4 inch with bottom at 140 feet.

Pumping test:
November 3, 1954. Duration: 5 hours
Static water level: 71 feet
Drawdown: 7 feet
Yield: 40 gpm

N-5071. (E-6) Nassau Country Club, south of Birnham Road and east of St. Andrews Lane, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 10, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------------|---------------------|-----------------|
| Top soil, clay, loam | 3 | 3 |
| Medium coarse brown sand, grits, gravel and rocks (boulders) to 8" | 92 | 95 |
| Coarse brown sand, grits, gravel and streaks of clay | 5 | 100 |

(*Continued on next page*)

N-5071. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Medium coarse brown sand, grits, and streaks of clay | 34 | 134 |
| Solid white clay | 3 | 137 |
| Gray sandy clay | 26 | 163 |
| Coarse sand, grits | 7 | 170 |
| Medium fine sand, grits, clay | 18 | 188 |
| Medium coarse sand, grits and gravel, streaks of clay | 22 | 210 |
| Fine gray sand, grits, clay | 8 | 218 |
| Coarse gray sand, grits, gravel | 10 | 228 |
| Coarse brown sand, grits, gravel | 6 | 234 |
| Brown sand, grits, gravel, streaks of clay | 8 | 242 |
| Fine sand, grits, gravel, clay | 3 | 245 |

Casing: 12 inches.

Screen: 32 feet of 10 inch with bottom at 242 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| October 26, 1954. Duration: | 10 hours |
| Static water level: | 90 feet |
| Drawdown: | 23 feet |
| Yield: | 672 gpm |

N-5072. (B-5) B. Adler, north of Harbor Road and west of Thixton Drive, Hewlett Harbor. Drilled by Eastern Well & Pump Co., October 21, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Light brown sand and gravel | 10 | 12 |
| Black bog | 8 | 20 |
| Light brown medium clean hard-packed sand | 12 | 32 |
| Medium to coarse brown sand, grits and gravel | 7 | 39 |
| Brown solid clay | 3 | 42 |
| Dirty brown sand, few small grits running to clean sharp sand | 8 | 50 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| September 25, 1954. Duration: | 2 hours |
| Static water level: | 10 feet |
| Drawdown: | 10 feet |
| Yield: | 45 gpm |

N-5074. (D-5) Geon International Corporation, south of Knights Bridge Road and east of Great Neck Road, Great Neck. Drilled by Mathies Well & Pump Co., Inc., December 1, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Sandy brown clay and boulders | 30 | 30 |
| Heavy gravel and large stones | 21 | 51 |
| Coarse white sand and white clay | 8 | 59 |
| Brown clay | 8 | 68 |
| Gray clay | 17 | 85 |
| Sandy gray clay | 7 | 92 |
| White clay, little sand and grits | 1 | 93 |
| Coarse sand, grits and lot of clay | 19 | 112 |
| Coarse sand, grits and clay balls | 8 | 120 |
| White clay and sand | | below 120 |

N-5074. (*Continued*)

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 118 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 10, 1954. Duration: | 3 hours |
| Static water level: | 63 feet |
| Yield: | 35 gpm |

N-5075. (B-5) Herman Aibel, southeast of Sterling Place and Sealy Avenue, Lawrence.
Drilled by Eastern Well & Pump Co., December 4, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Medium to fine light brown sand | 5 | 8 |
| Light brown sharp sand, few grits, gravel | 3 | 11 |
| Very fine gray sand | 1 | 12 |
| Light brown sand, grit and gravel | 8 | 20 |
| Dirty brown sand, grit, gravel | 9 | 29 |
| Light brown medium sand, grit, gravel | 2 | 31 |
| Medium to coarse light brown sand, grit, gravel | 6 | 37 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| December 4, 1954. Duration: | 3 hours |
| Static water level: | 11 feet |
| Drawdown: | 3 feet |
| Yield: | 45 gpm |

N-5076T. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Avenue, Elmont. Drilled by Layne-New York Co., Inc., December 7, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Red sand and gravel | 12 | 12 |
| Gray sand, streaks clay | 23 | 35 |
| Brown sand | 45 | 80 |
| Red sand | 22 | 102 |
| Coarse yellow sand | 36 | 138 |
| Blue muddy sand and clay | 42 | 180 |
| Sand drilled good | 25 | 205 |
| Sand (muddy) | 12 | 217 |
| Blue clay | 18 | 235 |
| Sand streaks clay | 35 | 270 |
| Sand and gravel | 11 | 281 |
| Clay | 8 | 289 |
| Sand and gravel, not too good | 46 | 335 |
| Sandy clay | 7 | 342 |
| Sand, gravel and wood | 93 | 435 |
| Sand, gravel and clay streaks | 28 | 463 |
| Blue clay | 12 | 475 |
| Sand and streaks clay | 8 | 483 |

Note: Temporary screen settings were made at the following depths:—

60 feet to 80 feet

115 feet to 135 feet

185 feet to 205 feet

300 feet to 320 feet

385 feet to 405 feet

Static water level for all strata was 31 feet below grade.

N-5079. (B-5) Joseph Miles, southeast of Channel Drive, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., January 25, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Top soil and fill | 5 | 5 |
| Medium sand and grits | 10 | 15 |
| Bog and sand | 7 | 22 |
| Coarse sand and grits | 22 | 44 |
| Coarse sand and grits (traces of clay) | 12 | 56 |
| Fine sand (some grits) | 11 | 67 |
| Coarse sand and grits | 45 | 112 |
| Gray clay (solid) | 19 | 131 |
| Sandy gray clay and gravel | 6 | 137 |
| Coarse sand and grits | 6 | 143 |
| Medium sand and grits | 3 | 146 |
| Medium fine sand | 7 | 153 |

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 153 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| January 25, 1955. Duration: | 2 hours |
| Static water level: | 7 feet |
| Yield: | 45 gpm |

N-5080. (C-7) Michaels Fair-Mart Food Stores, Inc., north of Wantagh Avenue and east of Park Avenue, Wantagh. Drilled by Eastern Well & Pump Co.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Medium to coarse brown sand, grits and gravel | 42 | 50 |

Casing: 6 inches.
Screen: 10 feet of 4 inch with bottom at 50 feet.

Pumping test:

October 20, 1954. Duration: 3 hours
Static water level: 2 feet
Drawdown: 4 feet
Yield: 88 gpm

N-5081. (B-6) Stop-N-Shop Super Market, c/o S. & S. Wholesale Grocery Company, south of Merrick Road and east of Park Avenue, Baldwin. Drilled by Eastern Well & Pump Co., October 20, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Cellar | 8 | 8 |
| Coarse brown sand and gravel | 18 | 26 |

Casing: 6 inches.
Screen: 5 feet of 6 inch with bottom at 26 feet.

Pumping test:

October 18, 1954. Duration: 3 hours
Static water level: 4 feet
Drawdown: 7 feet
Yield: 105 gpm

N-5085. (E-7) Mr. Jack Straus, Cove Road and Cove Neck Road, Oyster Bay. Drilled by Fred Habenicht & Sons, November 23, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Sand and stones | 29 | 37 |
| Large stones and gravel | 16 | 53 |
| Coarse (white) sand | 44 | 97 |
| Coarse (yellow) sand and pebbles | 16 | 113 |
| Yellow sand and very coarse, very little gravel | 15 | 128 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 128 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| October 24, 1954. | Duration: | 1 day |
| | Static water level: | 92 feet |
| | Drawdown: | 6 feet |
| | Yield: | 35 gpm |

N-5099. (D-5) Manhasset-Lakeville Water District, south of Cumberland Avenue and east of Lakeville Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., July 22, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Loam and clay | 5 | 5 |
| Medium fine brown sand | 20 | 25 |
| Coarse brown sand, some grits and gravel | 10 | 35 |
| Coarse brown sand, some grits and gravel and lumps of clay | 34 | 69 |
| Coarse brown sand, grits, gravel, lumps of clay | 113 | 182 |
| Layers of fine brown sand, sandy clay and solid clay | 6 | 188 |
| Solid multi-colored clay | 5 | 193 |
| Fine brown sand | 4 | 197 |
| Layers of fine brown sand, sandy clay and solid clay | 11 | 208 |
| Fine brown sand | 31 | 239 |
| Layers of multi-colored sand, sandy clay and solid clay | 11 | 250 |
| Coarse brown sand, grits and gravel | 9 | 259 |
| Layers of fine brown sand and sandy clay | 11 | 270 |
| Solid brown clay | 6 | 276 |
| Layers of fine brown sand and sandy clay | 16 | 292 |
| Hard solid multi-colored clay | 19 | 311 |
| Solid gray clay, lignite, pyrite | 36 | 347 |
| Fine brown sand, some clay | 5 | 352 |
| Coarse brown sand, grits, gravel, clay | 26 | 378 |
| Fine white sand, grits, clay | 5 | 383 |
| Solid white clay | 5 | 388 |
| Fine brown sand, some clay | 11 | 399 |
| Layers of fine multi-colored sand and clay | 4 | 403 |
| Hard multi-colored clay | 4 | 407 |
| Hard solid gray clay | 27 | 434 |

Casing: 20 inches.

Screen: 48 feet of 12 inch with bottom at 393 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| April 6, 1955. | Duration: | 9 hours |
| | Static water level: | 148 feet |
| | Drawdown: | 39 feet |
| | Yield: | 1115 gpm |

N-5110T. (D-5) Manhasset-Lakeville Water District, east of Valley Road, Manhasset-Lakeville. Drilled by Layne-New York Co., Inc., December 28, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------|---------------------|-----------------|
| Fill | 15 | 15 |
| Brown sand, boulders | 44 | 59 |
| Gravel, boulders | 34 | 93 |
| Fine brown sand | 31 | 124 |
| Sandy clay | 21 | 145 |
| Clay white | 8 | 153 |
| Sandy clay, black | 11 | 164 |
| Muddy sand | 5 | 169 |
| Clay | 9 | 178 |
| Red muddy sand | 15 | 193 |
| Clay | 2 | 195 |
| Muddy sand | 10 | 205 |
| Various color clay | 33 | 238 |
| Blue clay | 10 | 248 |
| Muddy sand | 5 | 253 |
| Sand | 17 | 270 |
| White clay | 2 | 272 |
| Sand | 11 | 283 |
| Muddy sand | 4 | 287 |
| Sand, clay | 22 | 309 |
| Blue clay | 97 | 406 |

N-5114. (E-7) Joseph S. Stein, southwest of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., January 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Top soil | 1 | 5 |
| Loam | 1 | 6 |
| Coarse sand, gravel and large stones | 6 | 12 |
| Brown clay, coarse sand and gravel | 33 | 45 |
| Blue gray clay—little sand and grits | 18 | 63 |
| Fine gravel—gray clay | 6 | 69 |
| Fine to coarse sand and large stones | 4 | 73 |
| Brown clay and fine sand | 2 | 75 |
| Coarse sand and white clay | 2 | 77 |
| Very fine sand | 13 | 90 |
| Coarse sand with clay | 2 | 92 |
| Fine sand and clay | 28 | 120 |
| Coarse sand, grits and clay | 2 | 122 |
| Fine sand, gray clay and streaks of red clay | 12 | 134 |
| Coarse sand, grits, white and red clay | 5 | 139 |
| White clay and streaks of brown clay | 11 | 150 |
| Coarse sand and gravel and little brown clay | 8 | 158 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 157 feet.

Pumping test:

January 28, 1955. Duration: 2 hours

Static water level: 34 feet

Yield: 37 gpm

N-5115. (E-6) J. Balmfalk, west of Wheatley Road and south of Glen Head Road, Glen Head.
Drilled by Mathies Well & Pump Co., Inc., November 15, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Yellow clay | 12 | 12 |
| Brown clay and stones | 20 | 22 |
| Heavy gravel | 22 | 44 |
| White clay | 10 | 54 |
| Coarse sand and slight clay | 15 | 69 |
| Casing: 6 inches. | | |
| Screen: 6 feet of 4 inch with bottom at 69 feet. | | |
| Pumping test: November 15, 1954. Duration: | | 2 hours |
| Yield: | | 30 gpm |

N-5121. (C-5) Long Island Water Corporation, north of Whitehall Street and west of Grand Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 22, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------|---------------------|-----------------|
| Loam | 2 | 2 |
| Medium brown sand, some clay | 10 | 12 |
| Medium brown sand, some grits | 25 | 37 |
| Fine brown sand, mica, few grits | 5 | 42 |
| Medium brown sand, grits | 5 | 47 |
| Fine brown sand, mica | 11 | 58 |
| Fine brown sand, some grits, layers sandy clay | 5 | 63 |
| Coarse brown sand, grits, some clay, layers sandy clay | 4 | 67 |
| Fine brown sand, mica | 5 | 72 |
| Fine brown sand, gravel, layers solid and sandy clay | 12 | 84 |
| Fine brown sand | 4 | 88 |
| Fine brown sand, some clay, streaks sandy clay | 5 | 93 |
| Fine brown sand, mica | 5 | 98 |
| Brown and gray clay, layers fine brown sand | 2 | 100 |
| Fine brown sand, some clay | 14 | 114 |
| Solid gray clay, streaks gray sandy clay, lignite | 9 | 123 |
| Fine gray sand, mica, clay, streaks sandy clay | 5 | 128 |
| Fine gray sand, mica, some clay, lignite | 24 | 152 |
| Solid gray clay, sandy clay, lignite | 16 | 168 |
| Fine gray sand, mica, streaks lignite | 5 | 173 |
| Fine gray sand, mica, streaks sandy clay, lignite | 20 | 193 |
| Fine gray sand, mica, streaks pyrite | 10 | 203 |
| Gray sandy clay, layers lignite | 5 | 208 |
| Fine gray sand, mica, streaks solid clay | 5 | 213 |
| Fine gray sand, mica, streaks lignite | 4 | 217 |
| Gray sandy clay, mica | 6 | 223 |
| Fine gray sand, mica, streaks sandy clay, lignite | 5 | 228 |
| Fine gray sand, mica, streaks lignite | 10 | 238 |
| Fine gray sand, mica, streaks sandy clay, lignite | 10 | 248 |
| Fine gray sand, mica, some clay, streaks lignite and pyrite | 41 | 289 |
| Very fine gray sand, mica, some clay, streaks lignite | 4 | 293 |
| Fine gray sand, mica, some clay, streaks lignite | 25 | 318 |
| Medium gray sand, mica | 30 | 348 |
| Fine gray sand, mica | 12 | 360 |
| Fine gray sand, mica, layers solid gray clay | 4 | 364 |
| Medium gray sand, mica | 5 | 369 |
| Gray sandy clay | 5 | 374 |

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N-5121. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, mica | 5 | 379 |
| Medium gray sand, mica, streaks solid clay | 6 | 385 |
| Fine gray sand, mica, streaks sandy clay, lignite | 10 | 395 |
| Fine gray sand, mica, some clay, few grits | 5 | 400 |
| Fine gray sand, mica, layers sandy clay, lignite | 6 | 406 |
| Medium gray sand, some clay, streaks lignite | 5 | 411 |
| Gray sandy clay, streaks fine gray sand and solid clay | 5 | 416 |
| Solid gray sand | 2 | 418 |
| Fine gray sand, mica, some clay, streaks lignite | 28 | 446 |
| Fine gray sand, some clay | 16 | 462 |
| Medium gray sand, some clay, lignite | 6 | 468 |
| Gray sandy clay, layers fine gray sand | 9 | 477 |
| Fine gray sand, mica, streaks solid clay, pyrite | 3 | 480 |
| Medium gray sand, mica | 13 | 493 |
| Medium gray sand, streaks sandy clay | 5 | 498 |
| Medium coarse gray sand, streaks lignite | 4 | 502 |
| Fine gray sand, streaks lignite | 7 | 509 |
| Medium fine gray sand, some clay | 9 | 518 |
| Coarse gray sand, gray clay | 11 | 529 |
| Grits and gravel | 7 | 536 |
| Layers solid gray clay, fine gray sand, gravel fine gray sand | 5 | 541 |
| Solid gray clay, gravel | 3 | 544 |

Casing: 18 inches.

Screen: 61 feet of 12 inch with bottom at 542 feet.

Pumping test:

| | |
|------------------------------------|----------|
| December 22, 1954. Duration: | 2 hours |
| Static water level: | 14 feet |
| Drawdown: | 45 feet |
| Yield: | 1470 gpm |

N-5122. (B-5) Murry Feldman, west of Barret Avenue and south of Hollywood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., November 25, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Fill, dirty sand, clay | 6 | 6 |
| Dirty sand, grits | 4 | 10 |
| Cleaner sand, layer heavy stones | 8 | 18 |
| Large stones, light brown sand | 16 | 34 |
| Hard gray clay | | below 34 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 25, 1954. Duration: | 2 hours |
| Static water level: | 3 feet |
| Drawdown: | 4 feet |
| Yield: | 40 gpm |

N-5124. (C-6) Rudolph Smutny, north of Eleventh Street and west of Cherry Valley Avenue, Garden City. Drilled by Eastern Well & Pump Co., December 2, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Pit | 5 | 5 |
| Brown coarse sand and grit | 10 | 15 |
| Light brown sand, grit and gravel | 5 | 20 |

N-5124. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Fairly dark brown sand, grit and gravel | 11 | 31 |
| Very coarse sand, lot of grit and gravel | 12 | 43 |
| Fine to medium brown sand | 6 | 49 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 49 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| December 2, 1954. Duration: | 2 hours |
| Static water level: | 31 feet |
| Drawdown: | 7 feet |
| Yield: | 45 gpm |

N-5126. (D-7) Food Fair Stores, Inc., south of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 9, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, heavy gravel | 75 | 75 |
| Coarse brown sand, small amount gravel | 5 | 80 |
| Fine brown sand, small amount coarse sand | 3 | 83 |
| Fine white sand | 9 | 92 |
| Fine white sand with laminated clay | 24 | 116 |
| Fine sand to black and gray clay, pyrite | 12 | 128 |
| Fine gray sand | 10 | 138 |
| Fine hard packed brown sand | 6 | 144 |
| Medium coarse brown sand, very small amount clay | 2 | 146 |
| Hardpan and clay | 1 | 147 |
| Fine clear brown sand | 4 | 151 |
| Very fine red-brown sand, soupy, lumps red clay | 21 | 172 |
| Fine brown sand, some hardpan and clay | 3 | 175 |
| Fine brown sand | 11 | 186 |
| Layer fine brown sand and brown clay | 1 | 187 |
| Solid gray clay | 13 | 200 |

Casing: 8 inches.

Screen: 11½ feet of 8 inch with bottom at 186 feet.

Pumping test:

| | |
|------------------------------|---------|
| May 5, 1955. Duration: | 8 hours |
| Static water level: | 90 feet |
| Drawdown: | 18 feet |
| Yield: | 120 gpm |

Note: Temperature 50° Fahrenheit.

N-5129. (B-7) Long Island State Park Commission, northwest between N-128 and N-129, Jones Beach. Drilled by Layne-New York Co., Inc., June 26, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Filled ground, beach sand | 20 | 20 |
| Soft blue clay, sand and shells | 79 | 99 |
| Sand, streaks of clay, some gravel | 129 | 228 |
| Sandy clay, hard streaks of sand and gravel | 54 | 282 |
| Clay | 10 | 292 |
| Sand and gravel, clay and lignite | 43 | 335 |
| Tough clay | 10 | 345 |
| Sand and clay, some gravel | 40 | 385 |

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N-5129. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand, clay, hard clay streaks | 22 | 407 |
| Sand and gravel | 14 | 421 |
| Sand, some clay | 29 | 450 |
| Tough clay | 9 | 459 |
| Sandy clay, streaks of sand | 14 | 473 |
| Tough clay | 29 | 502 |
| Medium coarse sand, sandy clay | 59 | 561 |
| Tough clay | 9 | 570 |
| Sand, clay and streaks of sand | 42 | 612 |
| Hard sandy clay, iron pyrites and lignite | 51 | 663 |
| Hard clay and iron pyrites | 44 | 707 |
| Coarse sand and gravel, streaks of clay | 14 | 721 |
| Sandy clay, iron pyrites, streaks of sand | 39 | 760 |
| Fine to coarse sand, clay streaks | 50 | 810 |
| Coarse sand, clay streaks and lignite | 61 | 871 |
| Blue sandy clay, hard streaks of clay, mica | 12 | 883 |
| Coarse sand, streaks of white clay | 10 | 893 |
| Coarse sand and gravel | 10 | 903 |
| Sandy white clay | 4 | 907 |
| Coarse sand and gravel, thin clay streaks | 32 | 939 |
| White clay | 3 | 942 |
| Coarse sand, coarse gravel, clay streaks | 18 | 960 |
| Sandy to hard clay | 31 | 991 |
| Coarse gravel | 8 | 999 |
| Tough black clay | 28 | 1027 |
| White sandy clay | 31 | 1058 |
| Tough black clay | 16 | 1074 |
| Black clay, streaks of sandy clay, lignite | 29 | 1103 |

Casing: 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 965 feet.

Pumping test:

| | |
|--------------------------------|----------|
| June 26, 1956. Duration: | 8 hours |
| Static water level: | 2 feet |
| Drawdown: | 32 feet |
| Yield: | 1200 gpm |

N-5130. (B-5) Maurice Kohn, northeast of Hawthorne and Auerbach Lanes, Lawrence.
Drilled by Eastern Well & Pump Co., November 26, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Light brown fine sand | 3 | 6 |
| Light brown sand, some clay, stones, grit gravel | 9 | 15 |
| Light brown sand, grit, gravel | 17 | 32 |
| Clean coarse sand, grit, gravel, stones | 7 | 39 |
| Red-brown clay | | below 39 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 38 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 26, 1954. Duration: | 2 hours |
| Static water level: | 8 feet |
| Drawdown: | 2½ feet |
| Yield: | 40 gpm |

N-5131. (B-5) Abraham Frankel, northwest of Auerbach Lane and Jorgen Street, Lawrence. Drilled by Eastern Well & Pump Co., November 30, 1954.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------|---------------------|-----------------|
| Sandy fill | 5 | 5 |
| Dark brown sand, grit, gravel, some clay | 4 | 9 |
| Heavy red gravel, fine sand | 4 | 13 |
| Heavy grit, gravel, not much sand | 2 | 15 |
| Light brown sharp sand | 1 | 16 |
| Light brown sand, grit, gravel | 4 | 20 |
| Light brown clean sharp sand | 13 | 33 |
| Dark brown sand, grit, gravel | 4 | 37 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 38 feet.

Pumping test:

| | |
|------------------------------------|---------|
| November 30, 1954. Duration: | 2 hours |
| Static water level: | 8 feet |
| Drawdown: | 7 feet |
| Yield: | 45 gpm |

N-5134. (B-5) Valley Stream Municipal Building, north of Hawthorne Avenue and east of South Corona Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., March 18, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Medium coarse brown sand | 3 | 11 |
| Fine brown sand | 30 | 41 |
| Medium fine brown sand, small grits | 4 | 45 |
| Medium coarse brown sand, small gravel | 3 | 48 |
| Medium fine brown sand | 2 | 50 |

Casing: 4 inches.

Screen: 7 feet of 4 inch, with bottom at 48 feet.

Pumping test:

| | |
|----------------------------------|---------|
| January 6, 1955. Duration: | 3 hours |
| Static water level: | 8 feet |
| Drawdown: | 12 feet |
| Yield: | 60 gpm |

N-5135. (D-5) F. Gruenstein, south of Beverly Road and west of Nassau Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., May 11, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Sandy clay, some stones | 5 | 5 |
| Coarse brown sand, gravel, some stones | 13 | 18 |
| Coarse gray sand, some clay and stones | 16 | 34 |
| Solid gray clay | 23 | 57 |
| Solid brown clay | 1 | 58 |
| Hard, sandy clay | 14 | 72 |
| Medium coarse brown sand, grits, gravel | 28 | 100 |
| Solid brown clay | 22 | 122 |
| Hard brown sandy clay | 21 | 143 |
| Fine brown sand, gravel, some clay | 3 | 146 |
| Medium brown sand, some grits and small amount clay | 3 | 149 |

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N-5135. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Fine brown sand, some stones and clay | 4 | 153 |
| Fine light brown sandy clay | 4 | 157 |
| Medium coarse brown sand, some grits and gravel | 8 | 165 |

Casing: 6 inches.

Screen: 7 1/3 feet of 6 inch with bottom at 158 feet.

Pumping test:

| | |
|------------------------------|----------|
| May 3, 1955. Duration: | 8 hours |
| Static water level: | 113 feet |
| Drawdown: | 21 feet |
| Yield: | 50 gpm |

N-5141T. (B-6) Sea and Surf Developers, north of Sea Spray Drive and east of Howard Way, Pt. Lookout. Drilled by Eastern Well & Pump Co., December 30, 1954.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Fine boggy sand | 17 | 17 |
| Fine mucky sand and shells | 5 | 22 |
| Fine sharp sand | 13 | 35 |

Casing: 6 inches.

Screen: 5 feet of 2 inch with bottom at 35 feet.

Pumping test:

| | |
|------------------------------------|----------|
| November 30, 1954. Duration: | 10 hours |
| Static water level: | 5 feet |
| Drawdown: | 19 feet |
| Yield: | 60 gpm |

N-5143. (C-6) Garden City Medical Building, north of Sixth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well & Pump Co., January 7, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Light brown medium to coarse sand, lots of grits and few gravel | 15 | 23 |
| Dark brown medium to coarse sand, grits and small gravel | 5 | 28 |
| Brown medium to coarse sand, grits and gravel | 2 | 30 |
| Light brown coarse sand, mostly grits and gravel | 2 | 32 |
| Coarse brown sand, lots of grits and gravel | 12 | 44 |
| Medium to coarse brown sand, lots of grits and gravel | 37 | 81 |
| Layer of hardpan, lumps of clay | 1 | 82 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 72 feet.

Pumping test:

| | |
|----------------------------------|------------|
| January 7, 1955. Duration: | 2 hours |
| Static water level: | 21 feet |
| Drawdown: | 5 1/2 feet |
| Yield: | 75 gpm |

N-5144. (D-5) Lakeville Professional Bldg., Inc., south of Union Turnpike and west of Lakeville Road, New Hyde Park. Drilled by Eastern Well & Pump Co., January 6, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Coarse brown sand, grits and gravel and stones | 14 | 22 |
| Medium to fine light brown sand, grits and gravel | 3 | 25 |
| Coarse light brown sand, grits, gravel and stones | 38 | 63 |
| Medium to coarse brown sand, lots of grits and gravel | 32 | 95 |
| Fine to medium brown sand, few grits, lots of mica | 1 | 96 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 95 feet.

Pumping test:

| | | |
|------------------|---------------------------|---------|
| January 5, 1955. | Duration: | 2 hours |
| | Static water level: | 70 feet |
| | Drawdown: | 4½ feet |
| | Yield: | 50 gpm |

N-5145. (C-5) Long Island Water Corporation, south of Copiague Street and west of Arling-ton Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Medium brown sand, grits | 50 | 53 |
| Fine brown sand, grits and gravel | 9 | 62 |
| Medium brown sand, grits, streaks fine brown sand, clay | 10 | 72 |
| Coarse brown sand, grits and clay | 10 | 82 |
| Fine brown sand, mica, clay | 5 | 87 |
| Fine gray sand, mica, streaks solid clay lignite | 19 | 106 |
| Solid gray clay, streaks sandy clay, pyrite | 13 | 119 |
| Fine gray sand, streaks solid clay | 4 | 123 |
| Fine gray sand, mica | 20 | 143 |
| Fine gray sand, mica, layers lignite and solid clay | 10 | 153 |
| Fine gray sand, mica, streaks lignite and solid clay | 23 | 176 |
| Gray sandy clay, streaks solid clay, lignite, pyrite | 5 | 181 |
| Fine gray sand, mica, clay, lignite | 5 | 186 |
| Gray sandy clay, lignite | 6 | 192 |
| Fine gray sand, streaks sandy clay, lignite | 15 | 207 |
| Layers fine gray sand, gray sandy clay, solid clay | 11 | 218 |
| Solid gray clay | 8 | 226 |
| Layers fine gray sand, gray sandy clay, solid clay, lignite | 6 | 232 |
| Fine gray sand, streaks solid clay | 13 | 245 |
| Gray sandy clay, lignite | 23 | 268 |
| Fine gray sand, mica, streaks sandy clay, lignite, pyrite | 4 | 272 |
| Fine gray sand, mica, streaks sandy clay | 10 | 282 |
| Medium gray sand, mica, streaks solid clay | 10 | 292 |
| Gray sandy clay, streaks solid clay, lignite and pyrite | 20 | 312 |
| Very fine gray sand, some clay, mica, streaks sandy clay | 11 | 323 |
| Fine gray sand, mica, some clay | 9 | 332 |
| Solid gray clay, streaks gray sand | 11 | 343 |
| Fine gray sand | 22 | 365 |
| Very fine gray sand, some clay, mica | 9 | 374 |
| Solid gray clay, streaks gray sand | 8 | 382 |
| Solid gray clay | 3 | 385 |
| Fine gray sand, some clay, layers sandy clay, lignite | 20 | 405 |
| Fine gray sand, mica, some clay | 30 | 435 |

(Continued on next page)

N-5145. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Medium fine gray sand | 10 | 445 |
| Fine gray sand, mica | 4 | 449 |
| Coarse gray sand | 6 | 455 |
| Medium gray sand | 7 | 462 |
| Layers solid and sandy gray clay | 5 | 467 |
| Layers solid gray clay and fine sand | 12 | 479 |
| Layers solid gray clay and fine gray sandy clay | 25 | 504 |

Casing: 18 inches.

Screen: 55 feet of 12 inch with bottom at 460 feet.

Static water level: 10 feet
Yield: 1400 gpm

N-5147. (C-8) South Farmingdale Water District, south of Southern State Parkway and west of Carman Avenue, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., October 20, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Top soil and loam | 2 | 5 |
| Coarse brown sand and gravel | 62 | 67 |
| Fine to coarse brown sand, grits, gravel | 5 | 72 |
| Sandy clay and layers of solid gray clay | 15 | 87 |
| Fine gray sand, some clay and shells | 5 | 92 |
| Fine gray sand, some clay, lignite and mica | 16 | 108 |
| Fine gray sand, mica, lignite and gravel | 4 | 112 |
| Fine gray sand, mica and lignite | 20 | 132 |
| Fine to medium coarse sand, mica and lignite | 5 | 137 |
| The same as above, plus some clay | 10 | 147 |
| Fine gray sand, mica, lignite, some clay | 15 | 162 |
| Fine gray sand, mica, lignite | 14 | 176 |
| Fine gray sand, streaks of clay, mica, lignite | 10 | 186 |
| Fine gray sand, some clay, mica, lignite | 33 | 219 |
| Fine gray sand, streaks of sandstone, mica and lignite | 5 | 224 |
| Fine gray sand, sandstone, mica and lignite | below | 224 |

Casing: 16 inches.

Screen: 54½ feet of 12 inch with bottom at 219 feet.

Pumping test:

March 21, 1955. Duration: 6 hours
Static water level: 11 feet
Drawdown: 32 feet
Yield: 1200 gpm

N-5148. (C-8) South Farmingdale Water District, northwest of Boundary Avenue and Langdon Road, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 16, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel | 75 | 75 |
| Coarse brown sand, gravel, lumps gray clay | 6 | 81 |
| Fine brown sand, mica, streaks gray clay | 8 | 89 |
| Fine brown sand, mica, layers sandy clay | 9 | 98 |
| Fine brown sand, mica, some clay | 18 | 116 |
| Fine brown sand, mica, streaks solid clay | 12 | 128 |
| Solid brown and gray clay | 5 | 133 |
| Fine brown sand, mica, streaks hardpan | 3 | 136 |

N-5148. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Fine multi-color sand, mica, some clay | 10 | 146 |
| Solid gray clay, streaks lignite, sandy clay | 12 | 158 |
| Fine brown sand, mica, some clay | 13 | 171 |
| Fine brown sand, mica, some clay, streaks sandy clay, hardpan | 36 | 207 |
| Gray sandy clay | 10 | 217 |
| Gray sandy clay, streaks fine gray sand, lignite | 4 | 221 |
| Gray sandy clay | 16 | 237 |
| Fine gray sand, mica, some clay, streaks sandy clay | 15 | 252 |
| Layers fine gray sand, lignite, sandy clay | 5 | 257 |
| Gray sandy clay, lignite | 4 | 261 |
| Fine gray sand, streaks sandy clay, lignite | 19 | 280 |
| Solid gray clay | 12 | 292 |
| Fine gray sand, mica, streaks lignite | 31 | 323 |
| Fine gray sand, mica, streaks solid clay | 14 | 337 |
| Solid gray clay, streaks sandy clay | 11 | 348 |
| Fine gray sand, mica | 5 | 353 |
| Fine gray sand, mica, streaks solid clay, pyrite | 10 | 363 |
| Fine gray sand, mica | 10 | 373 |
| Fine gray sand, mica, streaks solid clay | 3 | 376 |
| Solid gray clay | 7 | 383 |
| Very fine gray sand, mica, some clay, streaks lignite and solid clay | 15 | 398 |
| Fine gray sand, mica | 16 | 414 |
| Fine gray sand, mica, streaks sandy clay and lignite | 12 | 426 |
| Fine gray sand, mica | 7 | 433 |
| Gray sandy clay, streaks lignite | 4 | 437 |
| Fine gray sand, mica, streaks sandy clay and lignite | 5 | 442 |
| Gray sandy clay, streaks lignite | 6 | 448 |
| Fine gray sand, mica, streaks sandy clay and lignite | 5 | 453 |
| Gray sandy clay, streaks lignite | 29 | 482 |
| Solid gray clay | 6 | 488 |
| Gray sandy clay, streaks solid clay and lignite | 14 | 502 |

Casing: 16 inches.

Screen: 34 feet of 12 inch with bottom at 331 feet.

Pumping test:

| | | |
|------------------------------------|------|-------|
| February 19, 1955. Duration: | 9 | hours |
| Static water level: | 16½ | feet |
| Drawdown: | 38 | feet |
| Yield: | 1300 | gpm |

N-5149. (D-7) Long Island Lighting Co., north of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 10, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Basement | 14 | 14 |
| Coarse brown sand, grits, gravel, stones, small boulders | 3 | 17 |
| Coarse brown sand, grits, gravel | 14 | 31 |
| Medium coarse brown sand, some grits, gravel | 48 | 79 |
| Medium coarse brown sand, some grits, gravel lumps of clay | 15 | 94 |
| Medium fine brown sand, grits, gravel, hardpan, lumps of clay | 7 | 101 |
| Coarse brown sand, grits, gravel, hardpan, some white clay | 8 | 109 |
| Sand and yellow clay | 6 | 115 |
| Fine brown sand, mica | 11 | 126 |

(Continued on next page)

N-5149. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Medium coarse brown sand, some hardpan, lumps of white clay, mica | 4 | 131 |
| Coarse brown sand, hardpan | 8 | 139 |
| Coarse yellow sand, hardpan | 5 | 144 |
| Medium coarse brown sand, hardpan | 2 | 146 |
| Fine brown sand, layers of brownish clay, hardpan | 45 | 191 |
| Casing: 12 inches. | | |
| Screen: 54 feet of 8 inch with bottom at 189 feet. | | |
| Pumping test: | | |
| April 9, 1955. Duration | 4 | hours |
| Static water level: | 51½ | feet |
| Drawdown: | 33 | feet |
| Yield: | 527 | gpm |

N-5152. (E-6) Locust Valley Water District, south of Bayville Avenue and west of Bayville Road, Locust Valley. Drilled by Layne-New York Co., Inc., August 10, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Clay and gravel | 8 | 8 |
| Hard sand | 57 | 65 |
| Brown sand and clay | 75 | 140 |
| Clay | 2 | 142 |
| Yellow sand | 20 | 162 |
| Clay | 22 | 184 |
| Gravel | 4 | 188 |
| Gray clay | 58 | 246 |
| Sandy clay | 52 | 298 |
| Sand and gravel | 69 | 367 |

Casing: 18 inches.
Screen: 50 feet of 12 inch with bottom at 355 feet.

| | | |
|----------------------------------|------|-------|
| Pumping test: | | |
| August 10, 1956. Duration: | 8 | hours |
| Static water level: | 18 | feet |
| Drawdown: | 98 | feet |
| Yield: | 1100 | gpm |

N-5155. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., March 2, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Gray sand and gravel | 30 | 30 |
| Fine brown sand | 4 | 34 |
| Sand and gravel | 46 | 80 |
| Sandy clay | 2 | 82 |
| Sand and gravel | 8 | 90 |
| Muddy red sand, gravel | | below 90 |

Casing: 24 and 18 inches.
Screen: 20 feet of 18 inch with bottom at 90 feet.

| | | |
|--------------------------------|------|-------|
| Pumping test: | | |
| March 2, 1955. Duration: | 8 | hours |
| Static water level: | 32 | feet |
| Drawdown: | 36 | feet |
| Yield: | 1200 | gpm |

N-5156. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., April 25, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Sand, gravel | 30 | 30 |
| Fine brown sand | 4 | 34 |
| Sand and gravel | 46 | 80 |
| Brown sand | 2 | 82 |
| Sand, gravel | 8 | 90 |
| Red sand, gravel | 6 | 96 |
| Red-brown clay | 14 | 110 |
| Coarse sand | 4 | 114 |
| Streaks sand, clay | 3 | 117 |
| Coarse sand | 14 | 131 |
| Sand, clay, iron oxide | 23 | 154 |
| Fine muddy sand | 27 | 181 |
| Various colored clay | 5 | 186 |
| Sand, clay, iron oxide | 24 | 210 |
| White sand | 9 | 219 |
| Blue-black clay | 17 | 236 |
| Streaks sand, clay | 10 | 246 |
| Clay, pyrites, lignites | 24 | 270 |
| White sand, gravel | 12 | 282 |
| Clay | 5 | 287 |
| Sand, gravel, some clay | 4 | 291 |
| Sand and gravel | 40 | 331 |
| Sandy clay | 5 | 336 |

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 331 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| February 15, 1955. | Duration: | 8 hours |
| | Static water level: | 35 feet |
| | Drawdown: | 30 feet |
| | Yield: | 1400 gpm |

N-5158. (C-8) Hills Super Market, south of Park Avenue and west of Seamans Neck Road, Seaford. Drilled by C. W. Lauman & Co., Inc., April 6, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------------|-----------------|
| Fill, top soil | 5 | 5 |
| Coarse brown sand, grits, gravel | 46 | 51 |
| Casing: 6 inches. | | |
| Screen: 11½ feet of 4 inch with bottom at 50 feet. | | |
| Pumping test: | | |
| April 6, 1955. | Duration: | 6 hours |
| | Static water level: | 15 feet |
| | Drawdown: | 6 feet |
| | Yield: | 45 gpm |

N-5163. (C-6) Village of Garden City, south of Old Country Road and east of Rockaway Avenue, Garden City. Drilled by Layne-New York Co., Inc., August 8, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 67 | 67 |
| Clay | 9 | 76 |

(Continued on next page)

N-5163. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Brown sand, gravel | 9 | 85 |
| Clay, sand, gravel | 6 | 91 |
| Clay, multi-colored | 34 | 125 |
| Brown sandy clay | 7 | 132 |
| Brown sand, gravel | 23 | 155 |
| Sand, gravel, clay | 12 | 167 |
| Black sandy clay | 8 | 175 |
| Brown clay | 4 | 179 |
| Sand, clay | 4 | 183 |
| Brown clay | 3 | 186 |
| Sand, gravel, clay | 9 | 195 |
| Clay, iron oxide | 10 | 205 |
| Fine white muddy sand | 21 | 226 |
| Sandy clay | 8 | 234 |
| Fine muddy sand | 36 | 270 |
| Clay, sand, iron oxide | 10 | 280 |
| Sand | 13 | 293 |
| White, brown clay | 8 | 301 |
| Black clay, pyrites, lignite | 14 | 315 |
| Coarse white sand | 9 | 324 |
| White sandy clay | 9 | 333 |
| Coarse sand | 14 | 347 |
| Clay and sand streaks | 18 | 365 |
| Gravel | 9 | 374 |
| Black clay | 2 | 376 |
| White muddy sand | 14 | 390 |
| White clay | 10 | 400 |
| Sand, clay, iron oxide | 18 | 418 |
| Clay, gravel | 4 | 422 |
| Sand, gravel | 44 | 466 |
| Sandy clay | 4 | 470 |
| Sand, gravel | 12 | 482 |

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 475 feet.

Pumping test:

| | |
|----------------------------------|----------|
| April 11, 1955. Duration : | 8 hours |
| Static water level : | 28 feet |
| Drawdown : | 67 feet |
| Yield : | 1370 gpm |

N-5167. (C-5) Temple Gates of Zion and Valley Stream Jewish Center, south of Hendrickson Avenue and west of North Corona Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., January 26, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Basement | 6 | 6 |
| Coarse to medium brown sand | 22 | 28 |
| Fine to medium yellow sand, few grits | 12 | 40 |
| Yellow sand, trace clay | 1 | 41 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 41 feet.

Pumping test:

| | |
|------------------------------------|---------|
| January 26, 1955. Duration : | 2 hours |
| Static water level : | 9 feet |
| Drawdown : | 12 feet |
| Yield : | 72½ gpm |

N-5171. (B-5) Klein, northeast of Broadway and White Drive, Cedarhurst. Drilled by Mathies Well & Pump Co., Inc., June 3, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Coarse sand and brown clay | 45 | 45 |
| Casing: 4 inches. | | |
| Screen: 6 feet of $3\frac{3}{4}$ inch with bottom at 45 feet. | | |
| Pumping test: | | |
| January 27, 1955. Duration: | 2 hours | |
| Static water level: | 10 feet | |
| Drawdown: | 2 feet | |
| Yield: | 50 gpm | |

N-5187. (C-7) Long Island Water Corporation, south of Washington Avenue and east of Lee Street, Roosevelt. Drilled by C. W. Lauman & Co., Inc., May 26, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Loam | 4 | 4 |
| Coarse brown sand, gravel, grits | 49 | 53 |
| Medium gray sand, layers solid clay | 3 | 56 |
| Solid gray clay | 7 | 63 |
| Fine brown sand, layers gravel, streaks of brown and gray clay | 11 | 74 |
| Fine gray sand, clay, some gravel | 5 | 79 |
| Fine gray sand, mica, some clay | 46 | 125 |
| Fine gray sandy clay | 5 | 130 |
| Fine gray sand, mica, some clay | 44 | 174 |
| Fine gray sandy clay, streaks lignite | 31 | 205 |
| Fine gray sand, some clay, mica, streaks lignite | 4 | 209 |
| Layers fine gray sandy clay, solid clay, lignite | 21 | 230 |
| Fine gray sand, some clay, mica | 10 | 240 |
| Fine gray sandy clay | 47 | 287 |
| Fine gray sand, some clay, mica | 30 | 317 |
| Fine gray sand, some clay, streaks lignite | 39 | 356 |
| Solid gray clay | 10 | 366 |
| Very fine gray sand, some clay and mica | 11 | 377 |
| Fine gray sand, some clay | 31 | 408 |
| Fine gray sandy clay | 5 | 413 |
| Solid gray clay | 5 | 418 |
| Fine gray sand, some clay, mica | 24 | 442 |
| Medium coarse gray sand, some clay | 55 | 497 |
| Fine gray sandy clay | 10 | 507 |
| Layers of fine gray sand and sandy clay | 11 | 518 |
| Fine gray sand and some clay | 14 | 532 |
| Solid gray clay | 26 | 558 |
| Medium coarse gray sand | 5 | 563 |
| Fine gray sandy clay | 19 | 582 |
| Fine gray sand, some clay, streaks of sandy clay | 32 | 614 |

Casing: 18 inches.

Casing: 18 inches.
Screen: 50 feet of 12 inch with bottom at 494½ feet.

Pumping test:
March 21, 1955. Duration: 9 hours
Static water level: 12 feet
Drawdown: 34½ feet
Yield: 1500 gpm

N-5188. (E-7) C. V. Brokaw, south of Harbor Drive and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Hardpan and gravel | 30 | 30 |
| Hardpan and brown clay | 10 | 40 |
| Hardpan and gravel | 36 | 76 |
| Boulders | 8 | 84 |
| Red sandy clay | 46 | 130 |
| Brown sand and small gravel | 17 | 147 |
| Red and gray clay | 6 | 153 |
| Red clay and fine brown sand | 47 | 200 |
| Red clay and small gravel | 20 | 220 |
| Gray clay | 10 | 230 |
| Red clay and brown sand | 10 | 240 |
| Hard red and gray clay | 2 | 242 |
| Gray clay and small gravel | 28 | 270 |
| Dark gray clay | 10 | 280 |
| Red and gray clay | 40 | 320 |
| Red and blue clay | 10 | 330 |
| Blue clay | 30 | 360 |
| Fine sand and small gravel | 15 | 375 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 372 feet.

Pumping test:

| | | |
|---------------|----------------------------|---------|
| May 10, 1955. | Duration : | 4 hours |
| | Static water level : | 20 feet |
| | Drawdown : | 15 feet |
| | Yield : | 45 gpm |

N-5193. (B-5) Village of Rockville Centre, south of Maple Avenue and west of Forest Avenue, Rockville Centre. Drilled by Layne-New York Co., Inc., June 13, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Brown sand | 38 | 38 |
| Gray clay | 2 | 40 |
| Sand and gravel | 55 | 95 |
| Gray clay | 9 | 104 |
| Sand and clay streaks | 14 | 118 |
| Hard sand and clay | 26 | 144 |
| Sand, hard streaks and wood | 135 | 279 |
| Hard clay | 26 | 305 |
| Sand | 33 | 338 |
| Sandy clay | 5 | 343 |
| Hard clay | 24 | 367 |
| Hard sand, clay, wood | 83 | 450 |
| Soft clay | 15 | 465 |
| Sand | 16 | 481 |
| Sand and fine gravel | 35 | 516 |
| Clay | 1 | 517 |
| Coarse sand and fine gravel | 38 | 555 |
| Clay | 5 | 560 |

Casing: 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 550 feet.

Pumping test:

| | | |
|----------------|----------------------------|----------|
| June 13, 1956. | Duration : | 8 hours |
| | Static water level : | 18 feet |
| | Drawdown : | 34 feet |
| | Yield : | 1200 gpm |

N-5194. (B-6) Village of Rockville Centre, south of Sunrise Highway, Rockville Centre. Drilled by Layne-New York Co., Inc., May 17, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Brown sand and gravel | 47 | 55 |
| Sandy clay | 18 | 73 |
| Sand and wood | 42 | 115 |
| Sand and gravel | 16 | 131 |
| Sandy clay | 64 | 195 |
| Muddy sand | 47 | 242 |
| Hard clay | 56 | 298 |
| White sand | 39 | 337 |
| Hard clay | 18 | 355 |
| Sand and clay streaks | 12 | 367 |
| Hard clay | 22 | 389 |
| Soft sand and clay | 4 | 393 |
| Hard clay | 19 | 412 |
| Coarse sand | 106 | 518 |
| Sandy clay | 29 | 547 |

Casing: 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 515 feet.

Pumping test:

| | |
|-------------------------------|----------|
| May 17, 1956. Duration: | 8 hours |
| Static water level: | 10 feet |
| Drawdown: | 25 feet |
| Yield: | 1320 gpm |

N-5196. (C-6) 320 Fulton Corporation, south of Fulton Avenue and west of Cooper Street, Hempstead. Drilled by Mathies Well & Pump Co., Inc., March 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 40 | 40 |
| Fine sand and gravel | 15 | 55 |
| Casing: 10 inches. | | |
| Screen: 16 feet of 10 inch with bottom at 46 feet. | | |
| Pumping test: | | |
| March 25, 1955. Duration: | 1 hour | |
| Static water level: | 9½ feet | |
| Drawdown: | 14½ feet | |
| Yield: | 300 gpm | |

N-5197. (C-6) Harry Katz Floor Covering, Inc., north of Jericho Turnpike and west of Latham Road, Mineola. Drilled by Eastern Well & Pump Co.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Basement | 10 | 10 |
| Coarse sand, stone and gravel | 41 | 51 |
| Fine to medium sand | 9 | 60 |
| Yellow sand, grits and gravel | 10 | 70 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 70 feet. | | |
| Pumping test: | | |
| March 15, 1955. Duration: | 3 hours | |
| Static water level: | 21½ feet | |
| Drawdown: | 5 feet | |
| Yield: | 100 gpm | |

N-5201. (D-6) Jericho Water District, north of Central Boulevard (Motts Cove Road), Glen Head. Drilled by Layne-New York Co., Inc., June 12, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------|---------------------|-----------------|
| Cement | 5 | 5 |
| Sand and gravel | 10 | 15 |
| Brown sand | 69 | 84 |
| Sand and new clay | 6 | 90 |
| Sand and gravel | 250 | 340 |
| Clay, hard streaks | 30 | 370 |
| Gray clay | 15 | 385 |
| Red clay | 39 | 424 |
| Sand and gravel | 28 | 452 |
| Clay | 5 | 457 |
| Sand and gravel | 73 | 530 |
| Fine sandy clay | 7 | 537 |
| Clay | 2 | 539 |
| Sandy clay and gravel | 2 | 541 |

Casing: 18 inches.

Screen: 70 feet of 12 inch with bottom at 504 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| June 12, 1956. | Duration: | 8 hours |
| | Static water level: | 36 feet |
| | Drawdown: | 37 feet |
| | Yield: | 1000 gpm |

N-5208. (D-6) Hills Super Markets, Inc., east of Willis Avenue and north of Netz Place, Albertson. Drilled by C. W. Lauman & Co., Inc., April 14, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Coarse brown sand, grits, gravel and larger stones | 29 | 31 |
| Coarse brown sand, grits, gravel | 43 | 74 |
| Medium coarse brown sand, grits, gravel | 42 | 116 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 110 feet.

Pumping test:

| | | |
|----------------|---------------------------|---------|
| March 3, 1955. | Duration: | 4 hours |
| | Static water level: | 80 feet |
| | Drawdown: | 14 feet |
| | Yield: | 100 gpm |

N-5209. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., June 14, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Hardpan, boulders | 20 | 20 |
| Sand, gravel, clay, boulders | 95 | 115 |
| Sand, gravel | 9 | 124 |
| Brown to black clay | 18 | 142 |
| Sand, brown clay | 8 | 150 |
| Sand, gravel | 33 | 183 |
| Multi-colored clay | 33 | 216 |

N-5209. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Fine white sand | 21 | 237 |
| Red sand, clay | 7 | 244 |
| Sand, gravel, clay | 16 | 260 |
| Sand, gravel | 7 | 267 |
| Gravel, clay | 3 | 270 |
| Sand, gravel | 5 | 275 |
| Clay | 2 | 277 |
| Coarse sand | 10 | 287 |
| Clay | 1 | 288 |
| Sand, gravel | 7 | 295 |
| Pink clay | 3 | 298 |
| Sand, gravel | 4 | 302 |
| Pink clay | 2 | 304 |
| Fine sand | 2 | 306 |
| Sandy clay | 2 | 308 |

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 300 feet.

Pumping test:

June 14, 1956. Duration: 8 hours
Static water level: 173 feet
Drawdown: 35 feet
Yield: 700 gpm

N-5210. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Fill | 9 | 9 |
| Coarse sand, gravel | 11 | 20 |
| Clay, various colors | 5 | 25 |
| Coarse white sand and clay | 33 | 58 |
| Coarse brown sand | 21 | 79 |
| Dark muddy sand | 26 | 105 |
| Yellow clay, streaks sand and gravel | 23 | 128 |
| Blue clay, sand, gravel, old wood | 15 | 143 |
| Coarse dark brown sand | 22 | 165 |
| Light brown sand | 31 | 196 |
| Soft clay, streaks of sand and gravel | 33 | 229 |
| Coarse red sand and clay | 20 | 249 |
| Coarse light brown sand | 8 | 257 |
| White coarse sand and gravel | 71 | 328 |
| Clay | 7 | 335 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 302 feet.

Static water level: 173 feet

N-5216. (C-8) South Shore Federal Savings & Loan Association, south of Killians Road and west of Forest Avenue, Massapequa. Drilled by Eastern Well & Pump Co., June 6, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, grits and gravel | 3 | 3 |
| Fine gray-brown sand | 2 | 5 |
| Light brown medium to coarse sand, lots of grits | 21 | 26 |

(Continued on next page)

N-5216. (*Continued*)

Casing: 4 inches.

Screen: 4½ feet of 4 inch with bottom at 26 feet.

Pumping test:

| | |
|-------------------------|---------|
| June 6, 1955. Duration: | 3 hours |
| Static water level: | 2½ feet |
| Drawdown: | 8 feet |
| Yield: | 45 gpm |

Note: Water temperature 53.5° Fahrenheit.

N-5227. (B-6) Lido-Point Lookout Water District, north of Lido Boulevard and west of Park Side Drive, Point Lookout. Drilled by Layne-New York Co., Inc., June 18, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Filled ground | 6 | 6 |
| Sand | 43 | 49 |
| Sandy clay, coarse sand and shells | 14 | 63 |
| Blue clay | 17 | 80 |
| Coarse sand, gravel, clay streaks | 17 | 97 |
| Sand, wood, clay | 19 | 116 |
| Sandy clay and wood | 13 | 129 |
| Fine muddy sand and clay streaks | 56 | 185 |
| Clay and wood | 17 | 202 |
| Clay, streaks of sand | 6 | 208 |
| Medium coarse sand | 38 | 246 |
| Clay and coarse sand | 20 | 266 |
| Tough clay | 18 | 284 |
| Coarse sand, fine gravel, clay streaks | 67 | 351 |
| Clay streaks, fine muddy sand | 13 | 364 |
| Fine muddy sand and clay | 113 | 477 |
| Coarse sand, lignite, clay streaks | 36 | 513 |
| Sandy clay | 21 | 534 |
| Hard clay and sand | 10 | 544 |
| Sand, fine gravel and clay | 41 | 585 |
| Clay | 15 | 600 |
| Sand, fine gravel, clay | 11 | 611 |
| Clay | 6 | 617 |
| Sand and gravel | 81 | 698 |
| Sandy clay, coarse sand | 15 | 713 |
| Clay | 10 | 723 |
| Coarse sand, clay streaks | 46 | 769 |
| Sandy clay and sand | 32 | 801 |
| Clay | 4 | 805 |
| Coarse sand, fine gravel | 30 | 835 |
| Tough, hard red clay | 7 | 842 |
| Blue clay | 9 | 851 |
| Clay, streaks of sand and gravel | 7 | 858 |
| Coarse sand and gravel | 22 | 880 |
| Coarse sand and gravel, clay streaks | 29 | 909 |
| Tough blue clay | 30 | 939 |
| Iron pyrites | 1 | 940 |
| Tough blue clay, streaks of iron pyrites | 10 | 950 |
| Tough blue clay | 100 | 1050 |
| Hard red clay | 26 | 1076 |
| Clay, streaks of coarse sand and fine gravel | 23 | 1099 |
| Coarse sand and gravel | 45 | 1144 |
| Coarse sand and gravel, thin clay streaks | 10 | 1154 |
| Coarse sand and gravel | 24 | 1178 |

N-5227. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Clay | 15 | 1193 |
| Coarse sand and gravel, some clay streaks | 63 | 1256 |
| Clay | 10 | 1266 |
| Sand, gravel and clay | 11 | 1277 |
| Sandy clay, coarse sand and gravel | 11 | 1288 |

Casing: 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1260 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| June 18, 1956. | Duration: | 8 hours |
| | Static water level: | flows |
| | Drawdown: | 52 feet |
| | Yield: | 1260 gpm |

N-5228. (D-5) Port Washington Water District, north of Brookside Drive and east of Birchdale Lane, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sand and boulders | 60 | 60 |
| Sandy blue clay | 15 | 75 |
| Sand, gravel and boulders | 41 | 116 |
| Sand and gravel | 77 | 193 |
| Clay and hard streaks | 34 | 227 |
| Sand and hard streaks | 25 | 252 |
| Tough clay | 8 | 260 |
| Coarse sand and gravel | 71 | 331 |
| Clay | 3 | 334 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 334 feet.

Static water level: 130 feet

N-5233. (B-6) Monaco Surf Club (Harry Firester), south of Lido Boulevard and west of Parkside Drive, Point Lookout. Drilled by Mathies Well & Pump Co., Inc., June 1, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Fine sand | 7 | 7 |
| Gray clay (sandy) | 13 | 20 |
| Fine gray sand | 20 | 40 |
| Fine sandy clay | 7 | 47 |
| Sandy clay | 9 | 56 |
| Coarse sand and grits | 4 | 60 |
| Medium sand and grits | 1 | 61 |
| Solid gray clay | 11 | 72 |
| Gravel and stones in hard clay | 7 | 79 |
| Gravel and stones | 2 | 81 |
| Grits in hard clay | 7 | 88 |
| Grits and gravel (life) | 2 | 90 |
| Sandy gray clay | 12 | 102 |
| Fine gray sand | 18 | 120 |
| Medium fine gray sand | 10 | 130 |
| Medium sand and grits (brown) | 5 | 135 |
| Medium sand, grits and stones | 15 | 150 |
| Gray sandy clay (hard) | 30 | 180 |

(Continued on next page)

N-5233. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Solid clay | 10 | 190 |
| Gray clay | 10 | 200 |
| Coarse gray sand | 6 | 206 |
| Gray sand with clay | 4 | 210 |
| Fine gray sand | 30 | 240 |
| Fine gray sand and wood | 10 | 250 |
| Fine gray sand | 15 | 265 |
| Solid gray clay | 15 | 280 |
| Sandy gray clay | 15 | 295 |
| Gray sand | 2 | 297 |
| Solid clay, tough | 28 | 325 |
| Sandy clay | 16 | 341 |
| Lignite | 1 | 342 |
| Black clay | 15 | 357 |
| Sandy clay | 18 | 375 |
| Fine sand, little clay (life) | 9 | 384 |
| Black clay | 8 | 392 |
| Lignite | 1 | 393 |
| Black clay | 17 | 410 |
| Sandy clay and mica | 15 | 425 |
| Fine sandy clay—(hole open) | 6 | 431 |
| Fine gray sand | 14 | 445 |
| Solid gray clay | 5 | 450 |
| Fine gray sand | 5 | 455 |
| Very fine sand (gray) | 6 | 461 |
| Very fine sand and gray clay (life) | 35 | 496 |
| Sandy clay | 4 | 500 |
| Fine sand | 7 | 507 |
| Gray clay and fine sand | 4 | 511 |
| Fine sand | 22 | 533 |
| Black clay | 1 | 534 |
| Fine sand | 15 | 549 |

Casing: 8 and 6 inches.

Screen: 30 feet of 5 $\frac{5}{8}$ inch with bottom at 547 $\frac{1}{2}$ feet.

Pumping test:

| | | |
|---------------|---------------------------|---------|
| May 28, 1955. | Duration: | 4 hours |
| | Static water level: | 6 feet |
| | Drawdown: | 21 feet |
| | Yield: | 210 gpm |

N-5244. (D-6) Your Garden, Inc., Jericho Turnpike, Mineola. Drilled by Milton Costello, March 17, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Gravel and stones | 12 | 15 |
| Sand and gravel | 15 | 30 |
| Fine sand and grits | 39 | 69 |

Casing: 4 inches.

Screen: 6 feet of 4 inch, with bottom at 69 feet.

Pumping test:

| | | |
|-----------------|---------------------------|---------|
| March 16, 1955. | Static water level: | 37 feet |
| | Drawdown: | 7 feet |
| | Yield: | 45 gpm |

N-5251. (D-5) Milton Wisbard, Circle Drive, Plandome. Drilled by Fred Habenicht & Sons.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Well pit | 7 | 7 |
| Stones, gravel, sand | 30 | 37 |
| Coarse sand | 24 | 61 |
| Yellow sand, pebbles | 13 | 74 |
| Fine yellow sand | 19 | 93 |
| Fine yellow sand, coarse sand and pebble mix | 15 | 108 |

Casing: 6 inches.

Screen: 10 feet of 5 $\frac{3}{4}$ inch with bottom at 108 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 10, 1955. Duration: | 1 hour |
| Static water level: | 62 feet |
| Drawdown: | 12 feet |
| Yield: | 48 gpm |

N-5255. (C-7) Wantagh Fire District, north of Curtis Place and east of Cornelius Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 8, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Sandy clay and loam | 5 | 5 |
| Coarse sand, small gravel | 40 | 45 |

Casing: 4 inches.

Screen: 15 $\frac{1}{4}$ feet of 3 inch with bottom at 47 feet.

Pumping test:

| | |
|--------------------------------|---------|
| March 8, 1955. Duration: | 3 hours |
| Static water level: | 8 feet |
| Yield: | 329 gpm |

N-5259. (C-7) New York Water Supply Corporation, south of Jerusalem Avenue and east of Newbridge Road, North Bellmore. Drilled by C. W. Lauman & Co., Inc., May 5, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and gravel, grits | 80 | 80 |
| Fine brown sand and lumps clay | 14 | 94 |
| Solid gray clay | 6 | 100 |
| Fine brown sand | 16 | 116 |
| Multi-colored sandy clay | 6 | 122 |
| Fine brown sand | 5 | 127 |
| Fine gray sand, some clay and mica | 10 | 137 |
| Same as above, with layers solid clay | 5 | 142 |
| Gray sandy clay, streaks solid clay | 12 | 154 |
| Fine gray sand, some clay and mica | 9 | 163 |
| Gray sandy clay, streaks solid clay and lignite | 11 | 174 |
| Gray sandy clay, streaks solid clay and fine sand | 15 | 189 |
| Solid dark gray clay | 5 | 194 |
| Gray sandy clay, streaks solid clay and fine sand | 4 | 198 |
| Fine gray sand, some clay and mica | 20 | 218 |
| Fine gray sandy clay, streaks clay and lignite | 11 | 229 |
| Fine gray sand, mica, streaks lignite | 5 | 234 |
| Fine gray sandy clay, streaks lignite | 5 | 239 |
| Fine gray sand, some clay | 5 | 244 |

(Continued on next page)

N-5259. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Fine gray sand, mica, streaks lignite | 39 | 283 |
| Fine gray sand, some clay, mica | 5 | 288 |
| Fine gray sandy clay | 6 | 294 |
| Fine gray sand, mica, streaks lignite | 19 | 313 |
| Fine gray sandy clay | 11 | 324 |
| Fine gray sand, mica, streaks lignite | 40 | 364 |
| Fine gray sandy clay, streaks lignite | 11 | 375 |
| Fine gray sand, mica | 14 | 389 |
| Gray sandy clay, streaks solid clay and lignite | 26 | 415 |
| Solid gray clay | 10 | 425 |

Casing: 16 inches.

Screen: 44 feet of 16 inch with bottom at 285 feet.

23 feet of 12 inch with bottom at 312 feet.

Pumping test:

| | | |
|---------------------------------|------------------|-------|
| April 26, 1955. Duration: | 8 | hours |
| Static water level: | 10 $\frac{3}{4}$ | feet |
| Drawdown: | 32 | feet |
| Yield: | 1400 | gpm |

N-5260. (C-6) West Hempstead-Hempstead Gardens Water District, north of Garden Street and east of Long Island Railroad, West Hempstead. Drilled by C. W. Lauman & Co., Inc., February 4, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Loam and clay | 3 | 3 |
| Coarse brown sand and gravel | 32 | 35 |
| Medium coarse brown sand and gravel | 13 | 48 |
| Medium fine brown sand and some grit | 17 | 65 |
| Coarse brown sand, grits and gravel | 17 | 82 |
| Solid green clay, streaks of brown sandy clay | 6 | 88 |
| Solid green clay and shells | 8 | 96 |
| Coarse gray sand, grits and gravel | 4 | 100 |
| Multi-colored sandy clay | 2 | 102 |
| Coarse sand, grits and gravel | 50 | 152 |
| Fine to coarse gray sand and grit | 4 | 156 |
| Fine gray sand, lignite, mica and pyrite | 8 | 164 |
| Coarse gray sand, grit, gravel and pyrite | 11 | 175 |
| Coarse gray sand, grit, heavy gravel and pyrite | 10 | 185 |
| Coarse gray sand, grit, gravel and lignite | 4 | 189 |
| Pyrite, lignite and mica | 4 | 193 |
| Coarse gray sand, grits, gravel and lignite | 1 | 194 |
| Fine gray sand, mica, sandy clay, clay and lignite | 10 | 204 |
| Fine to medium gray sand, mica and lignite | 10 | 214 |
| Solid lignite, some sand and pyrite | 3 | 217 |
| Medium coarse gray sand, pyrite and some lignite | 2 | 219 |
| Fine gray sand, layers of sandy clay and lignite | 4 | 223 |
| Fine gray sand, some clay, lignite and mica | 31 | 254 |
| Fine gray sand, mica sandy clay and some grits | 5 | 259 |
| Fine gray sand, pyrite, lignite and sandy clay | 26 | 285 |
| Fine gray sand, mica and lignite | 10 | 295 |
| Fine gray sand, sandy clay, mica and lignite | 4 | 299 |
| Fine gray sand, some clay, mica, pyrite and lignite | 3 | 302 |
| Sandy and solid clay, lignite and pyrite | 11 | 313 |
| Fine gray sand, mica and lignite | 10 | 323 |
| Gray sandy clay and lignite | 3 | 326 |
| Fine gray sand, mica and lignite | 4 | 330 |

N-5260. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------------|---------------------|-----------------|
| Sandy and solid clay, some lignite and pyrite | 3 | 333 |
| Fine gray sand, pyrite, streaks of sandy clay and lignite | 1 | 334 |
| Solid gray clay and pyrite | 19 | 353 |
| Fine gray sand, mica, lignite and streaks of clay | 15 | 368 |
| Medium coarse gray sand and pyrite | 7 | 375 |
| Medium coarse gray sand, streaks of clay, mica and lignite | 10 | 385 |
| Coarse gray sand, mica, lignite and pyrite | 2 | 387 |
| Sandy gray clay, some pyrite | 12 | 399 |
| Fine gray sand, sandy clay and lignite | 18 | 417 |
| Medium to coarse gray sand, grits, pyrite and lignite | 3 | 420 |
| Fine to coarse gray sand, some clay, pyrite and lignite | 5 | 425 |
| Coarse gray sand, grits, clay, pyrite and lignite | 8 | 433 |
| Fine gray sand, mica and lignite | 7 | 440 |
| Fine gray sand, mica, lignite, sandy clay and pyrite | 4 | 444 |
| Solid and sandy clay, lignite and pyrite | 1 | 445 |
| Solid gray clay | 2 | 447 |
| Fine gray sand, some clay, mica and lignite | 6 | 453 |
| Fine gray sand, clay, lignite and pyrite | 2 | 455 |
| Coarse gray sand and some clay | 9 | 464 |
| Fine gray sand, some clay, lignite and pyrite | 2 | 466 |
| Fine to medium coarse gray sand, mica, some clay lignite and pyrite | 14 | 480 |
| Coarse gray sand, grits, some clay and mica | 6 | 486 |
| Fine to medium gray sand, lignite, pyrite and some clay | 5 | 491 |
| Fine gray sand, mica and lignite | 3 | 494 |
| Fine gray sand, sandy clay, lignite and mica, "dirty" formation | 1 | 495 |
| Fine gray sand, lignite, pyrite, mica and some clay | 14 | 509 |
| Coarse gray sand, grits, layers of sandy clay, pyrite and lignite | 5 | 514 |
| Coarse gray sand, grits, gravel, lignite, lumps of solid clay | 1 | 515 |
| Fine gray sand, lignite, mica, lumps of solid clay | 1 | 516 |
| Fine gray sand, lignite, pyrite and mica | 2 | 518 |

Casing: 20 and 16 inches.

Screen: 62½ feet of 12 inch with bottom at 514½ feet.

Pumping test:

| | | |
|-----------------|---------------------------|----------|
| April 29, 1955. | Duration: | 1 hour |
| | Static water level: | 27 feet |
| | Drawdown: | 23 feet |
| | Yield: | 1230 gpm |

N-5261. (E-6) New York Water Service Corporation, south of Seamens Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., June 23, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Loam | 5 | 5 |
| Brown sandy clay | 4 | 9 |
| Medium brown sand, large stones | 16 | 25 |
| Coarse brown sand, gravel | 55 | 80 |
| Same as above, with brown clay | 25 | 105 |
| Multi-colored sandy clay | 1 | 106 |
| Fine brown sand | 6 | 112 |
| Solid multi-colored clay, layers fine brown sandy clay | 6 | 118 |
| Medium reddish brown sand | 9 | 127 |
| Fine brown sand | 16 | 143 |

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N-5261. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Fine brown sand, layers solid clay | 10 | 153 |
| Fine brown sand | 10 | 163 |
| Fine brown sand, layers sandy clay | 11 | 174 |
| Layers solid brown clay, medium brown sand, sandy clay | 5 | 179 |
| Fine brown sand, streaks sandy and solid clay | 20 | 199 |
| Solid brown clay, streaks fine brown sand and sandy clay | 6 | 205 |
| Brown sandy clay, streaks solid clay | 5 | 210 |
| Solid multi-colored clay, streaks sandy clay and hardpan | 10 | 220 |
| Fine brown sand, mica, streaks lignite | 15 | 235 |
| Solid multi-colored clay, streaks sandy clay | 6 | 241 |
| Light gray sandy clay, streaks solid clay | 9 | 250 |
| Solid light gray clay | 12 | 262 |
| Light gray sandy clay | 40 | 302 |
| Casing: 18 inches. | | |
| Screen: 39 feet of 18 inch with bottom at 170 feet. | | |
| 10 feet of 18 inch with bottom at 195 feet. | | |
| 10 feet of 18 inch with bottom at 230 feet. | | |
| Pumping test: | | |
| May 14, 1955. Duration: | | 9 hours |
| Static water level: | | 97 feet |
| Drawdown: | | 46 feet |
| Yield: | | 2000 gpm |

N-5280. (B-5) Sidney M. Brownstein, 5 Channel Drive, Woodmere. Drilled by Milton Costello, April 25, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Pit | 5 | 5 |
| Sand and gravel | 2 | 7 |
| Fine sand | 16 | 23 |
| Coarse sand and gravel | 12 | 35 |
| Casing: 4 inches. | | |
| Static water level: | | 5 feet |

N-5287. (D-6) New Williston Masonic Club, east of Willis Avenue and south of Syracuse Street, Williston Park. Drilled by C. W. Lauman & Co., Inc., April 18, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 15 | 15 |
| Sand, gravel, cobbles | 16 | 31 |
| Coarse brown sand, gravel | 21 | 52 |
| Coarse brown sand, gravel, stones | 28 | 80 |
| Coarse brown sand, gravel, stones | 5 | 85 |

Casing: 6 inches.
Screen: 11 feet of 4 inch with bottom at 86 feet.

| | | |
|---------------------------------|--|---------|
| Pumping test: | | |
| April 23, 1955. Duration: | | 3 hours |
| Static water level: | | 51 feet |
| Drawdown: | | 7 feet |
| Yield: | | 60 gpm |

N-5300. (C-7) Mays Department Store, north of Hempstead Turnpike and west of Grassy Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., June 3, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Coarse brown sand, grits and gravel | 80 | 85 |
| Brown sandy clay | 20 | 105 |
| Very fine multi-colored sand, some clay | 4 | 109 |
| Fine multi-colored sand, some clay, hardpan | 4 | 113 |
| Multi-colored sandy clay | 15 | 128 |
| Solid dark gray clay | 13 | 141 |
| Solid brown clay | 4 | 145 |
| Fine brown sand, some hardpan | 9 | 154 |
| Very fine multi-colored sandy clay | 11 | 165 |
| Fine brown sand | 4 | 169 |
| Medium coarse brown sand, hardpan | 10 | 179 |
| Very fine multi-colored clayey sand | 15 | 194 |
| Fine brown sand, streaks sandy clay | 5 | 199 |
| Fine gray sandy clay | 6 | 205 |
| Fine brown sand, some clay | 4 | 209 |
| Fine brown sand | 15 | 224 |
| Fine brown sand, streaks clay | 11 | 235 |
| Fine brown sand | 30 | 265 |
| Fine brown sand, some clay | 11 | 276 |
| Fine gray sandy clay, streaks solid clay | 20 | 296 |
| Solid gray clay | 8 | 304 |

Casing: 12 inches.

Screen: 63 feet of 12 inch with bottom at 128 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| June 10, 1955. | Duration: | 8 hours |
| | Static water level: | 25 feet |
| | Drawdown: | 25 feet |
| | Yield: | 1319 gpm |

N-5302. (C-7) Levittown Water District, south of Chimney Lane and east of Loring Road, Levittown. Drilled by C. W. Lauman & Co., Inc., June 6, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, grits and small stones | 40 | 40 |
| Coarse brown sand and grits | 30 | 70 |
| Fine to coarse brown sand, some clay, grits, mica, hardpan | 5 | 75 |
| Fine to medium brown sand, grits, clay and mica | 20 | 95 |
| Fine to medium brown sand, grits, multi-colored sandy clay, mica | 10 | 105 |
| Fine to medium brown sand, grits, layers multi-colored clay, mica and hardpan | 10 | 115 |
| Fine to medium brown sand, grits, some clay, mica and hardpan | 10 | 125 |
| Fine brown sand and sandy clay and mica | 23 | 148 |
| Fine brown sand, solid and sandy clay and mica | 9 | 157 |
| Fine brown sand, some clay and lignite | 5 | 162 |
| Solid gray clay, lignite and pyrite | 21 | 183 |
| Fine gray sand, some clay and lignite | 45 | 228 |
| Fine gray sand, streaks sandy clay, lignite and mica | 14 | 242 |
| Solid gray clay | 5 | 247 |
| Fine gray sand, streaks sandy clay, mica, lignite and pyrite | 3 | 250 |

(Continued on next page)

N-5302. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------|---------------------|-----------------|
| Fine to medium gray sand, lignite and mica | 8 | 258 |
| Fine to medium gray sand, layers clay, lignite and mica | 5 | 263 |
| Fine gray sand, mica, lignite and streaks clay | 10 | 273 |
| Fine gray sand, mica, lignite and pyrite | 64 | 337 |
| Fine gray sand, streaks solid clay, mica and lignite | 8 | 345 |
| Solid gray clay | 3 | 348 |
| Solid gray clay, layers fine sand (hard) | 4 | 352 |
| Fine gray sand, some clay and pyrite | 24 | 376 |
| Medium to coarse gray sand, some clay | 2 | 378 |
| Fine gray sand, streaks sandy clay, hardpan and mica | 18 | 396 |
| Fine gray sand, mica and lignite | 9 | 405 |
| Fine gray sand, streaks sandy clay, mica, lignite | 5 | 410 |
| Fine to coarse gray sand, mica, lignite and some clay | 5 | 415 |
| Fine to coarse gray sand, mica, lignite, hardpan and some clay | 5 | 420 |
| Fine to coarse brown sand, mica, hardpan and some clay | 6 | 426 |
| Fine to coarse brown sand and mica | 4 | 430 |
| Fine to coarse brown sand (90%), mica and lignite | 7 | 437 |
| Fine brown sand, mica and lignite | 3 | 440 |
| Fine to coarse brown sand, mica and some grits | 5 | 445 |
| Fine to coarse gray sand, mica, streaks sandy clay | 2 | 447 |
| Fine gray sand, streaks solid and sandy clay, lignite | 2 | 449 |
| Fine to coarse gray sand, grits, streaks sandy clay | 8 | 457 |
| Medium to coarse brown sand and grits | 5 | 462 |
| Fine to medium coarse brown sand and grits | 13 | 475 |
| Fine gray sand and grits | 8 | 483 |
| Coarse gray sand and grits | 7 | 490 |

Casing: 18 inches.

Screen: 53 feet of 12 inch with bottom at 484 feet.

Pumping test:

| | |
|--------------------------------|----------|
| June 13, 1955. Duration: | 8 hours |
| Static water level: | 20 feet |
| Drawdown: | 21 feet |
| Yield: | 1212 gpm |

N-5304. (C-7) Levittown Water District, south of Stirrup Lane and west of Water Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., November 19, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and gravel | 70 | 70 |
| Fine to coarse brown sand and gravel | 10 | 80 |
| Fine to coarse brown sand, grits and gravel | 30 | 110 |
| Fine brown sand and gravel | 10 | 120 |
| Multi-colored sandy clay | 10 | 130 |
| Fine to medium brown sand and multi-colored sandy clay | 10 | 140 |
| Fine to medium brown sand, gravel and clay | 10 | 150 |
| Fine brown sand, gravel, mica and some clay | 20 | 170 |
| Fine brown sand, gravel, mica, hardpan and some clay | 21 | 191 |
| Fine gray sand, mica, lignite, pyrite and some clay | 24 | 215 |
| Fine gray sand and mica | 10 | 225 |
| Fine gray sand, sandy clay and layers of solid clay | 3 | 228 |
| Fine to medium gray sand and mica | 19 | 247 |
| Fine gray sand, mica, streaks of solid clay, pyrite and lignite | 4 | 251 |
| Fine gray sand, mica, pyrite, some lignite and lumps of clay | 11 | 262 |
| Fine gray sand, mica and lignite | 10 | 272 |
| Fine gray sand, mica, lignite and gravel | 13 | 285 |

N-5304. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------------------------------|---------------------|-----------------|
| Solid gray clay and lignite | 2 | 287 |
| Solid gray clay, grits, gravel and lignite | 9 | 296 |
| Solid gray clay | 10 | 306 |
| Fine gray sand, mica, lignite, pyrite and some clay | 27 | 333 |
| Solid gray clay, lignite and pyrite | 5 | 338 |
| Solid and some sandy clay, fine gray sand, lignite and pyrite | 10 | 348 |
| Fine gray sand, sandy and solid clay, lignite | 5 | 353 |
| Solid gray clay, pyrite and lignite | 7 | 360 |
| Fine gray sand, mica, lignite and pyrite | 10 | 370 |
| Fine to medium gray sand, mica, lignite and some clay | 50 | 420 |
| Fine to medium gray sand, mica and lignite | 10 | 430 |
| Fine to medium gray sand, mica, lignite, pyrite and lumps of clay | 5 | 435 |
| Fine to medium gray sand, layers of solid lignite and pyrite | 5 | 440 |
| Fine gray sand, streaks of lignite, pyrite and some clay | 8 | 448 |
| Fine to coarse gray sand, grits, lignite, pyrite and streaks of sandy clay | 10 | 458 |
| Fine to coarse gray sand, grits, gravel, lignite, pyrite and streaks of sandy clay | 14 | 472 |

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 467 feet.

Pumping test:

| | |
|------------------------------------|----------|
| November 19, 1956. Duration: | 7 hours |
| Static water level: | 14 feet |
| Drawdown: | 34 feet |
| Yield: | 1230 gpm |

N-5305. (D-8) Grumman Aircraft, north of Long Island Railroad and east of Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Coarse brown sand, grits, gravel, stones | 29 | 33 |
| Medium coarse red-brown sand, grits, gravel, stones | 5 | 38 |
| Medium coarse red-brown sand, mica | 10 | 48 |
| Fine brown sand, streaks solid clay | 6 | 54 |
| Medium coarse gray sand, mica, streaks clay | 6 | 60 |
| Fine gray sand, mica, clay | 11 | 71 |
| Fine gray sand, mica | 22 | 93 |
| Multi-colored sand and clay, mica | 12 | 105 |
| Fine brown sand, mica | 9 | 114 |
| Medium fine brown sand, mica | 14 | 128 |
| Medium coarse brown sand, mica | 8 | 136 |
| Medium fine brown sand, mica, sandy clay, hardpan | 10 | 146 |
| Medium coarse brown sand, mica and some sandy clay, hardpan | 21 | 167 |
| Multi-colored sandy clay, hardpan | 3 | 170 |

Casing: 20 and 12 inches.

Screen: 52½ feet of 12 inch with bottom at 168 feet.

Pumping test:

| | |
|---------------------------------|----------|
| August 5, 1955. Duration: | 8 hours |
| Static water level: | 49 feet |
| Drawdown: | 17 feet |
| Yield: | 1016 gpm |

N-5306. (D-8) Grumman Aircraft, north of Long Island Railroad and east of South Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Coarse brown sand, grits, gravel and rocks | 37 | 38 |
| Fine brown sand, grits, gravel and hardpan | 11 | 49 |
| Fine brown sand, multi-colored clay, grits, mica | 15 | 64 |
| Multi-colored sandy clay | 3 | 67 |
| Medium fine gray sand and clay | 3 | 70 |
| Coarse gray sand | 10 | 80 |
| Coarse gray sand, streaks of clay and hardpan | 11 | 91 |
| Fine gray sand, mica and clay | 14 | 105 |
| Fine gray sand and mica | 8 | 113 |
| Multi-colored clay | 3 | 116 |
| Fine sand, multi-colored clay and hardpan | 5 | 121 |
| Coarse brown sand, multi-colored clay, mica | 41 | 162 |
| Multi-colored clay | 10 | 172 |
| Medium coarse brown sand, mica | 25 | 197 |
| Multi-colored sandy clay | 15 | 212 |
| Multi-colored sandy clay and hardpan | 6 | 218 |
| Multi-colored sandy clay | 14 | 232 |
| Fine brown sand, mica, and streaks of hardpan | 6 | 238 |
| Brown sandy clay, streaks of hardpan | 4 | 242 |
| Fine brown sand, streaks of clay, hardpan and mica | 11 | 253 |
| Solid gray clay | 5 | 258 |

Casing: 20 and 12 inches.

Screen: 8 feet of 12 inch with bottom at 258 feet.

Pumping test:

| | | |
|-----------------|---------------------------|----------|
| August 6, 1955. | Duration: | 8 hours |
| | Static water level: | 55 feet |
| | Drawdown: | 25 feet |
| | Yield: | 1016 gpm |

N-5308. (B-6) City of Long Beach, North Park Street and Pacific Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., April 30, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Gray sand | 25 | 25 |
| Marshy clay | 20 | 45 |
| Sand and gravel | 65 | 110 |
| Soft sandy clay | 40 | 150 |
| Sand, gravel, wood | 64 | 214 |
| Clay | 8 | 222 |
| Sand, gravel, wood | 54 | 276 |
| Sand and gravel | 40 | 316 |
| Sand, gravel, clay, wood | 20 | 336 |
| Fine sand | 34 | 370 |
| Sand, dark clay | 50 | 520 |
| Hard sand | 18 | 538 |
| Sand, clay streaks | 95 | 633 |
| Clay | 55 | 688 |
| Sand and clay | 65 | 753 |
| Hard clay | 13 | 766 |
| Clay, hard streak | 191 | 957 |
| Hardpan | 2 | 959 |

N-5308. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Clay, hard streaks | 66 | 1025 |
| Sand, clay streaks | 24 | 1049 |
| Coarse sand | 28 | 1077 |
| Tough clay | 4 | 1081 |
| Sand, clay streaks | 31 | 1112 |
| Clay | 16 | 1128 |
| Sand | 12 | 1140 |
| Sand, clay streaks | 13 | 1153 |
| Coarse sand | 75 | 1228 |
| Clay, sand streaks | 16 | 1244 |
| Tough clay | 2 | 1246 |

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1220 feet.

Pumping test:

| | |
|---------------------------------|----------|
| April 30, 1956. Duration: | 8 hours |
| Static water level: | 1 foot |
| Drawdown: | 37 feet |
| Yield: | 1275 gpm |

N-5313. (B-5) Sterling Estates (Gimbel's Department Store), south of Sunrise Highway and west of Mill Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., February 14, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Loam and clay | 4 | 7 |
| Coarse brown sand, grit, gravel | 30 | 37 |
| Same as above, with lumps clay | 18 | 55 |
| Fine gray sand | 13 | 68 |
| Same as above, with streaks sandy clay | 11 | 79 |
| Fine gray sand | 12 | 91 |
| Medium coarse gray sand and grit | 5 | 96 |
| Fine gray sand | 28 | 124 |
| Gray sandy clay | 5 | 129 |
| Fine gray sand | 20 | 149 |
| Same as above, with some clay, mica | 9 | 158 |
| Streaks sandy and solid clay | 12 | 170 |
| Fine gray sandy clay | 8 | 178 |
| Fine gray sand | 6 | 184 |
| Gray sandy clay | 4 | 188 |
| Fine gray sand | 31 | 219 |
| Gray clay | 9 | 228 |
| Fine gray sand, streaks lignite | 21 | 249 |
| Layers solid and sandy gray clay | 9 | 258 |
| Fine gray sand, streaks pyrite and lignite | 16 | 274 |
| Fine gray sandy clay | 7 | 281 |
| Fine gray sand, streaks lignite | 14 | 295 |
| Coarse gray sand | 9 | 304 |
| Fine gray sand, streaks lignite | 26 | 330 |
| Fine gray sandy clay, streaks solid clay | 18 | 348 |

Casing: 16 inches.

Screen: 26 feet of 16 inch with bottom at 248 feet.

| | |
|---------------------------|----------|
| Static water level: | 11 feet |
| Yield: | 1000 gpm |

N-5319. (C-7) East Meadow Water District, south of West End Place and west of Meadow Brook Parkway, East Meadow. Drilled by Layne-New York Co., Inc., September 6, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Brown sand, gravel | 55 | 55 |
| Fine white sand, yellow-white clay | 24 | 79 |
| Fine gray sand | 19 | 98 |
| Clay, iron oxide | 1 | 99 |
| Muddy fine sand | 11 | 110 |
| Fine gray sand | 9 | 119 |
| Yellow clay, lignite, sand | 19 | 138 |
| Fine gray sand, lignite | 10 | 148 |
| Black clay | 15 | 163 |
| Gray clay | 6 | 169 |
| Fine muddy sand, lignite | 28 | 197 |
| Clay, lignite | 5 | 202 |
| Sand, lignite | 5 | 207 |
| Fine sand | 15 | 222 |
| Clay, sand, lignite | 7 | 229 |
| Sand, lignite | 16 | 245 |
| Black clay, lignite, pyrite | 4 | 249 |
| Gray sand | 21 | 270 |
| Gray sandy clay | 7 | 277 |
| Fine gray sand | 18 | 295 |
| Clay, sand | 4 | 299 |
| Medium gray sand | 13 | 312 |
| Sand, clay, lignite | 15 | 327 |
| Fine gray sand | 52 | 379 |
| Clay | 1 | 380 |
| Sand, lignite | 7 | 387 |
| Sand and gravel | 50 | 437 |
| Gravel | 7 | 444 |
| Muddy brown sand | 3 | 447 |

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 438 feet.

Pumping test:

| | |
|------------------------------------|----------|
| September 6, 1956. Duration: | 8 hours |
| Static water level: | 21 feet |
| Drawdown: | 34 feet |
| Yield: | 1300 gpm |

N-5322. (C-7) East Meadow Water District, north of Cypress Avenue and west of Bellmore Road, East Meadow. Drilled by Layne-New York Co., Inc., June 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Brown sand, gravel | 65 | 65 |
| Multi-colored clay | 4 | 69 |
| White sand, gravel | 16 | 85 |
| Black clay, lignite, pyrite | 13 | 98 |
| Sand, white, brown clay | 56 | 154 |
| Brown clay, iron oxide | 2 | 156 |
| Black clay, lignite | 11 | 167 |
| Fine gray sand, clay, lignite | 14 | 181 |
| Black clay, sand, lignite | 54 | 235 |
| Fine gray sand, lignite | 15 | 250 |
| Black clay | 7 | 257 |
| Sand, clay, lignite | 7 | 264 |

N-5322. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Sand and clay streaks | 12 | 276 |
| Brownish sand | 26 | 302 |
| Sand, clay, lignite, pyrites | 14 | 316 |
| Black clay | 2 | 318 |
| Fine muddy sand | 10 | 328 |
| Black sandy clay | 9 | 337 |
| Fine white-brown sand | 18 | 355 |
| Fine gray sand | 4 | 359 |
| Gray clay | 6 | 365 |
| Fine white sand | 10 | 375 |
| Coarse brown sand | 14 | 389 |
| Red sand, some clay | 5 | 394 |
| Fine brown sand, clay streaks | 21 | 415 |
| Black clay, pyrites | 13 | 428 |
| Brown sand, gravel | 14 | 442 |
| Gravel, clay, iron oxide | 16 | 458 |
| Orange clay, sand | 2 | 460 |
| Black clay, sand streaks | 6 | 466 |
| Sand, gravel | 32 | 498 |
| White clay | 2 | 500 |
| Sand, gravel | 14 | 514 |
| Sand, gravel, clay | 3 | 517 |

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 510 feet.

Pumping test:

| | | |
|----------------|---------------------------|----------|
| June 20, 1956. | Duration: | 8 hours |
| | Static water level: | 18 feet |
| | Drawdown: | 39 feet |
| | Yield: | 1225 gpm |

N-5332. (E-7) Approved (Preferred) Sand and Gravel, north of North Hempstead Turnpike and west of Pine Hollow Road, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., November 26, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Fill, loam, medium fine brown sand, grits mica | 8 | 8 |
| Medium fine brown sand, grits, mica | 5 | 13 |
| Medium coarse brown sand, grits, mica | 5 | 18 |
| Medium fine brown sand, grits, mica | 5 | 23 |
| Medium coarse brown sand, grits, mica gravel | 5 | 28 |
| Medium fine dark brown sand, grits, mica | 5 | 33 |
| Medium fine brown sand, grits, mica | 11 | 44 |
| Fine gray sand, grits, mica | 10 | 54 |
| Coarse brown sand, grits | 5 | 59 |
| Fine brown sand | 33 | 92 |
| Fine brown sand, some clay | 5 | 97 |
| Brown clay, some fine brown sand | 5 | 102 |
| Gray clay | 15 | 117 |
| Coarse brown sand, grits, gravel | 5 | 122 |
| Same as above, with boulders | 13 | 135 |
| Same as above, with solid clay | 4 | 139 |
| Sandy clay, grits, gravel | 2 | 141 |
| Coarse brown sand, grits, gravel imbedded in clay | 2 | 143 |
| Coarse brown sand, grits, gravel, boulders | 37 | 180 |

(Continued on next page)

N-5332. (*Continued*)

Casing: 12 inches.

Screen: 45 feet of 12 inch with bottom at 162 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| November 26, 1955. | Duration: | 9 hours |
| | Static water level: | 28 feet |
| | Drawdown: | 32 feet |
| | Yield: | 1100 gpm |

N-5334. (B-4) Inwood Country Club, north of Oak Avenue and west of Donahue Avenue, Inwood. Drilled by C. W. Lauman & Co., Inc., October 7, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Top soil, sand, gravel | 10 | 10 |
| Coarse sand and gravel, light brown | 11 | 21 |
| Coarse sand, gravel, some fine sand, clay | 7 | 28 |
| Brown clay | 3 | 31 |
| Fine dark gray sand, silt, lignite, mica | 10 | 41 |
| Silt, clay, dark gray | 16 | 57 |
| Medium gray sand | 10 | 67 |
| Fine gray sand, mica, lignite | 25 | 92 |
| Medium brown sand, grits | 10 | 102 |
| Medium brown sand | 15 | 117 |

Casing: 12 inches.

Screen: 6 feet of 12 inch with bottom at 28 feet.

6 feet of 12 inch with bottom at 68 feet.

24 feet of 12 inch with bottom at 117 feet.

Pumping test:

| | | |
|---------------|---------------------------|---------|
| May 12, 1955. | Duration: | 4 hours |
| | Static water level: | 10 feet |
| | Drawdown: | 11 feet |
| | Yield: | 533 gpm |

N-5335. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and east of Broadway, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 8, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Coarse sand and gravel | 23 | 24 |
| Very heavy gravel | 16 | 40 |
| Coarse sand and gravel | 18 | 58 |
| Red clay, sand and gravel | 2 | 60 |
| Reddish-white clay and fine sand | 11 | 71 |
| Red clay and fine sand | 2 | 73 |
| Brown clay and fine sand | 3 | 76 |
| Brown sand | 2 | 78 |
| Yellow clay and fine sand | 18 | 96 |
| White clay and fine sand | 6 | 102 |
| Yellow clay and fine sand | 4 | 106 |
| Fine sand, some clay | 4 | 110 |
| Coarse sand | 28 | 138 |
| Small grits and yellow clay | 6 | 144 |

Casing: 6 inches.

Screen: 21 $\frac{3}{4}$ feet of 3 $\frac{3}{4}$ inch with bottom at 144 feet.

Static water level: 80 feet

N-5336. (C-7) Hicksville Water District, north of Newbridge Road and west of Tiles Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., July 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Loam, top soil | 2 | 2 |
| Coarse brown sand, grit, gravel | 71 | 73 |
| Same as above, with layers clay | 20 | 93 |
| Fine brown sand, lumps clay | 18 | 111 |
| Layers fine brown sand, sandy clay | 11 | 122 |
| Fine brown sand | 9 | 131 |
| Layers fine brown sand and multi-colored sandy clay | 21 | 152 |
| Solid gray clay | 5 | 157 |
| Fine brown sand, some clay and mica | 20 | 177 |
| Very fine multi-colored sand, some clay and mica | 7 | 184 |
| Fine brown sand, some clay, mica | 18 | 202 |
| Multi-colored sandy clay | 7 | 209 |
| Fine brown sand, some clay, mica | 47 | 256 |
| Solid gray clay | 20 | 276 |
| Layers fine brown sand, sandy and solid clay | 11 | 287 |
| Fine brown sand, some clay, mica | 15 | 302 |
| Solid brown and black clay | 5 | 307 |
| Fine brown sand | 17 | 324 |
| Very fine brown sand, some clay | 5 | 329 |
| Very fine gray sand, some clay | 6 | 335 |
| Fine gray sandy clay | 14 | 349 |
| Fine brown sand, streaks sandy clay | 6 | 355 |
| Fine gray sandy clay | 5 | 360 |
| Solid multi-colored clay | 6 | 366 |
| Fine multi-colored sandy clay, streaks solid clay | 9 | 375 |
| Very fine gray sand, some clay | 5 | 380 |
| Fine gray sandy clay | 27 | 407 |
| Fine gray sand, some clay, mica | 5 | 412 |
| Coarse brown sand, grits, some clay | 4 | 416 |
| Fine gray sand, some clay | 15 | 431 |
| Medium coarse brown sand | 5 | 436 |
| Fine brown sand, some clay, hardpan | 4 | 440 |
| Solid gray clay | 7 | 447 |
| Multi-colored solid clay | 9 | 456 |
| Very fine gray sand, some clay | 19 | 475 |
| Layers medium coarse brown and yellow sand | 26 | 501 |
| Fine brown sand, streaks sandy clay | 8 | 509 |
| Medium coarse gray sand | 13 | 522 |
| Layers fine gray sandy clay and coarse brown sand | 8 | 530 |
| Coarse brown sand, grits | 13 | 543 |
| Same as above, with gravel, some clay | 15 | 558 |
| Medium coarse brown sand | 11 | 569 |
| Coarse brown sand, grit, gravel, some clay | 36 | 605 |
| Medium coarse brown sand, grit, gravel, some clay | 10 | 615 |
| Medium coarse brown sand, layers fine white sandy clay, gravel | 16 | 631 |
| Fine multi-colored sand, some clay | 20 | 651 |
| Coarse brown sand, streaks clay | 5 | 656 |
| Solid brown clay | 14 | 670 |

Casing: 18 inches.

Screen: 51 feet of 12 inch with bottom at 523 feet.

Pumping test:

January 27, 1956. Duration: 8 hours
 Static water level: 44 feet
 Drawdown: 50 feet
 Yield: 1404 gpm

N-5340. (C-7) Salisbury Nursery, south of Hempstead Turnpike and east of Merrick Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., May 13, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse brown sand, gravel | 43 | 45 |
| Coarse brown sand, some gravel | 5 | 50 |
| Coarse brown sand, some grits | 5 | 55 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 54 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 12, 1955. Duration: | 6 hours |
| Static water level: | 21 feet |
| Drawdown: | 5 feet |
| Yield: | 38 gpm |

N-5349. (C-8) County Line Shopping Center, south of Carmans Road and east of South Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., May 19, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Coarse sand, grits and gravel | 30 | 30 |
| Medium sand, grits and gravel | 20 | 50 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 49 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 19, 1955. Duration: | 2 hours |
| Static water level: | 5 feet |
| Drawdown: | 7 feet |
| Yield: | 75 gpm |

N-5353. (C-5) Anthony D. Gilas & Sons, northwest of Highland Boulevard and Franklin Avenue, Lynbrook. Drilled by Fred Habenicht & Sons, June 4, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Pit | 9 | 9 |
| Sand and gravel | 52 | 61 |

Casing: 6 inches.

Screen: 10 feet of 5 3/4 inch with bottom at 61 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 28, 1955. Duration: | 4 hours |
| Static water level: | 29 feet |
| Drawdown: | 9 feet |
| Yield: | 97 gpm |

N-5362. (B-5) J. Zacharia, south of Veedor and east of Cedar Streets, Hewlett Bay Park. Drilled by Milton Costello, May 13, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------|---------------------|-----------------|
| Bog | 15 | 15 |
| Brown sand | 5 | 20 |
| Blue clay | 25 | 45 |
| White sand and grits | 15 | 60 |

N-5362. (*Continued*)

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 60 feet.

Pumping test:

| | | |
|---------------|---------------------------|----------|
| May 14, 1955. | Duration: | 1/2 hour |
| | Static water level: | 6 feet |
| | Drawdown: | 13 feet |
| | Yield: | 45 gpm |

N-5369. (B-5) Sheldon Magaliff, south of Muriel Avenue and west of Kenbridge Place, Lawrence. Drilled by Eastern Well & Pump Co., June 7, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fill and beach sand | 3 | 3 |
| Brown medium to coarse sand, grits, gravel | 3 | 6 |
| Fine hard brown sand | 4 | 10 |
| Solid brown clay | 1 | 11 |
| Clean sharp medium to coarse brown sand | 1 | 12 |
| Hard and fine silty brown sand | 3 | 15 |
| Solid brown clay | 2 | 17 |
| Coarse brown sand, lots of grit and gravel | 9 | 26 |
| Light brown sand, sharp clean, lots of grits and gravel | 4 | 30 |

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 28 feet.

Pumping test:

| | | |
|---------------|---------------------------|------------|
| June 7, 1955. | Duration: | 3 hours |
| | Static water level: | 5 1/3 feet |
| | Drawdown: | 2 feet |
| | Yield: | 40 gpm |

N-5397. (C-5) Gonsale Plating Co., northeast of New Hyde Park Road and Cathedral Avenue, Franklin Square. Drilled by Fred Habenicht & Sons, July 30, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Top soil | 4 | 4 |
| Dark yellow sand and pebbles | 33 | 37 |
| Red hard sand, brick | 6 | 43 |
| Coarse light yellow sand, pebbles | 20 | 63 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 63 feet.

Pumping test:

| | | |
|----------------|---------------------------|---------|
| July 23, 1955. | Duration: | 8 days |
| | Static water level: | 31 feet |
| | Yield: | 15 gpm |

N-5398. (B-5) D. W. Witkin, south of Willow Lane and west of Harbor Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., June 30, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Fill | 3 | 4 |

(Continued on next page)

N-5398. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------------------------|---------------------|-----------------|
| Gray clay | 1 | 5 |
| Fine brown sand | 2 | 7 |
| Brown sand, grit and gravel | 3 | 10 |
| Very fine hard brown sand and mica | 20 | 30 |
| Light brown medium to coarse sharp sand, mostly grit and gravel | 4 | 34 |
| Light gray sand, grit and gravel, hard layers gray clay mixed in strata | 6 | 40 |
| Gray medium to fine sharp sand, lots of small grits | 11 | 51 |
| Sharp brown sand, lot of grit and gravel | 3 | 54 |
| Yellowish sharp clean sand and gravel | 2 | 56 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55½ feet.

Pumping test:

| | | | |
|----------------|---------------------------|-----|-------|
| June 30, 1955. | Duration: | 3 | hours |
| | Static water level: | 10½ | feet |
| | Drawdown: | 9 | feet |
| | Yield: | 45 | gpm |

N-5409. (C-8) Dogwood Realty (Bohack) south of Dogwood Lane and west of Hicksville-Massapequa Road, Massapequa. Drilled by C. W. Lauman & Co., Inc., June 10, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 48 | 48 |
| Fine brown sand | 1 | 49 |
| Coarse sand and grit | 1 | 50 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 50 feet.

Pumping test:

| | | | |
|----------------|---------------------------|-----|-------|
| June 15, 1955. | Duration: | 4 | hours |
| | Static water level: | 49¼ | feet |
| | Drawdown: | 7 | feet |
| | Yield: | 75 | gpm |

N-5419. (D-6) John Ross, south of Glen Cove Road and east of Jericho Turnpike, Westbury. Drilled by Mathies Well & Pump Co., Inc., June 7, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Clay | 1 | 3 |
| Hardpan | 5 | 8 |
| Sand and gravel | 34 | 42 |

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 43 feet.

Static water level: 20 feet

N-5421. (C-8) C. W. Lauman & Co., Inc., north of Central Avenue and west of Broadway, Bethpage. Drilled by C. W. Lauman & Co., Inc., June 19, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Cinders and top soil | 2 | 2 |
| Coarse brown sand, grit and gravel | 81 | 83 |
| Medium coarse brown sand, grits, layers of multi-colored clay | 37 | 120 |
| Medium coarse brown sand, grits | 6 | 126 |
| Brown sandy clay | 5 | 131 |
| Fine multi-colored sand, layers sandy clay | 6 | 137 |
| Medium coarse brown sand | 6 | 143 |
| Multi-colored sandy clay | 5 | 148 |
| Fine brown sand, streaks sandy clay | 9 | 157 |
| Multi-colored sandy clay | 10 | 167 |
| Fine brown sand | 33 | 200 |

Casing: 6 inches.

Screen: 27 feet of 4 inch with bottom at 192 feet.

Static water level: 45 feet
Yield: 20 gpm

N-5429. (C-6) Nassau Manor Corporation, south of Hampton Road and east of Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., June 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Cellar | 8 | 8 |
| Coarse brown sand and gravel | 7 | 15 |
| Coarse brown sand and gravel and large stones | 18 | 33 |
| Medium coarse light brown sand and gravel | 13 | 46 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 46 feet.

Pumping test:
June 28, 1955. Duration: 3 hours
Static water level: 14 feet
Drawdown: $6\frac{1}{3}$ feet
Yield: 130 gpm

N-5430. (B-6) K.B.K. Properties, south of Pine Street and east of Bergen Place, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 1, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Basement | 9 | 9 |
| Coarse sand and gravel | 29 | 38 |
| Fine sand | 2 | 40 |

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 40 feet.

Pumping test:
July 1, 1955. Duration: 1 hour
Static water level: 13 feet
Yield: 100 gpm

N-5431. (C-8) Walter Seligman, south of Holly Street and east of Merrit Road, Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 23, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Loam | 4 | 4 |
| Brown sand | 2 | 6 |
| Brown sandy clay | 16 | 22 |
| Gray-tan sandy clay | 23 | 45 |
| Black sandy clay | 27 | 72 |
| Fine gray sand, clayey | 8 | 80 |
| Black sandy clay, some layers solid clay | 2 | 82 |
| Gray-tan fine clayey sand | 10 | 92 |
| Gray fine and medium coarse sand, some gravel, clay | 11 | 103 |
| Fine brown sand, little clay | 5 | 108 |
| Fine brown sand, some clay | 9 | 117 |
| Solid gray clay | 7 | 124 |
| Lumps of hardpan | 7 | 131 |
| Fine tan sand, lumps clay | 2 | 133 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 134 feet.

Static water level: 42 feet
Yield: 1400 gph

N-5433. (E-8) Mrs. A. C. Brooks, north of Laurel Hollow Road and east of North Road, Laurel Hollow. Drilled by Fred Habenicht & Son, October 30, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Well pit | 7 | 7 |
| Coarse sand and gravel | 122 | 129 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 129 feet.

Pumping test:

July 6, 1955. Static water level: 98 feet
Drawdown: 11 feet
Yield: 35 gpm

N-5434. (E-8) D. Donnelly, northwest of Laurel Hollow Road and North Road, Laurel Hollow. Drilled by Fred Habenicht & Sons, November 23, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Well pit | 7 | 7 |
| Sand and gravel | 162 | 169 |

Casing: 4 inches.

Screen: 5 feet of 3 3/4 inch with bottom at 169 feet.

Pumping test:

August 13, 1955. Duration: 6 hours
Static water level: 142 feet
Yield: 12 gpm

N-5440. (C-5) Triangle Sheet Metal Works, Inc., south of Plaza Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by Eastern Well & Pump Co., October 10, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------------|-----------------|
| Basement | 6 | 6 |
| Medium coarse light brown sand, grits and gravel | 67 | 73 |
| Casing: 6 inches. | | |
| Screen: 9 feet of 4 inch with bottom at 67 feet. | | |
| Pumping test: October 10, 1955. | Duration: | 3 hours |
| | Static water level: | 38 feet |
| | Drawdown: | 9¾ feet |
| | Yield: | 70 gpm |

N-5441. (C-5) Dick Rowley, east of Salisbury Road and south of Elton Road, Stewart Manor. Drilled by Fred Habenicht & Sons, September 3, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------------|-----------------|
| Well and tank pit | 10 | 10 |
| Coarse sand and pebbles | 17 | 27 |
| Coarse sand, red mix like brick dust | 21 | 48 |
| Very coarse white sand and gravel | 16 | 64 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 5¾ inch with bottom at 64 feet. | | |
| Pumping test: August 3, 1955. | Duration: | 4 hours |
| | Static water level: | 30 feet |
| | Drawdown: | 6 feet |
| | Yield: | 57 gpm |

N-5450. (D-6) Rolling Hills Country Club, Inc., north of Greenvale Road and east of Central Boulevard, Roslyn. Drilled by Mathies Well & Pump Co., Inc., October 17, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------------|-----------------|
| Top soil | 2 | 2 |
| Sand and boulders | 3 | 5 |
| Sand and gravel | 5 | 10 |
| Fine sand and gravel | 20 | 30 |
| Sand and very coarse gravel | 30 | 60 |
| Sand and gravel | 20 | 80 |
| Casing: 12 inches. | | |
| Screen: 21½ feet of 9½ inch with bottom at 80 feet. | | |
| Pumping test: June 29, 1955. | Duration: | 8 hours |
| | Static water level: | 7½ feet |
| | Drawdown: | 33 feet |
| | Yield: | 500 gpm |

N-5451. (C-7) Nassau County Park, north of Hempstead Turnpike and east of Merrick Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., September 14, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Pit | 12 | 12 |
| Sand and gravel | 7 | 19 |
| Large stones and gravel | 4 | 23 |
| Coarse sand and gravel | 21 | 44 |
| Solid brown clay | 6 | 50 |
| Solid gray clay, trace of fine sand | 25 | 75 |
| Solid brown clay | 17 | 92 |
| Medium brown sand | 8 | 100 |

Casing: 8 inches.

Screen: 11½ feet of 6 inch with bottom at 100 feet.

Static water level: 37 feet
Yield: 110 gpm

N-5456. (E-7) Associated Food Stores, north of Northern Boulevard and east of Pine Hollow Road, East Norwich. Drilled by C. W. Lauman & Co., July 15, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand, grit, gravel | 22 | 25 |
| Coarse brown sand, grit, gravel, layers of soft brown clay | 25 | 50 |
| Coarse brown sand, grit, gravel | 30 | 80 |
| Coarse brown sand, grit, gravel, lumps brown clay | 40 | 120 |
| Medium coarse brown sand, grit, gravel | 28 | 148 |
| Fine brown sand, grit | 9 | 157 |
| Fine brown sand, mica | 11 | 168 |
| Very fine brown sand, some clay, mica | 5 | 173 |

Casing: 6 inches.

Screen: 20 feet of 4 inch with bottom at 168 feet.

Pumping test:

June 27, 1955. Duration: 8 hours
Static water level: 141 feet
Drawdown: 5½ feet
Yield: 80 gpm

N-5457. (C-6) Hempstead General Hospital, south of Front Street and west of Clarendon Road, Hempstead. Drilled by Eastern Well & Pump Co., October 3, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Cellar | 5 | 5 |
| Medium coarse sand, gravel | 9 | 14 |
| Red brown sand, grits | 1 | 15 |
| Yellow sand, grits, heavy gravel | 10 | 25 |
| Brown sand, grits and gravel | 28 | 53 |

Casing: 6 inches.

Screen: 6½ feet of 4 inch with bottom at 52 feet.

Pumping test:

October 3, 1955. Duration: 3 hours
Static water level: 24 feet
Drawdown: 4 feet
Yield: 40 gpm

N-5484. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Gray clay | 5 | 8 |
| Coarse brown sand, grits, gravel and stones | 13 | 21 |
| Medium coarse brown sand, grits and gravel | 19 | 40 |
| Coarse brown sand, grits and gravel | 8 | 48 |
| Medium fine brown sand, grits and gravel | 4 | 52 |
| Coarse brown sand, grits and gravel and lumps of clay | 6 | 58 |
| Coarse brown sand, grits, gravel and large stones | 3 | 61 |
| Fine brown sandy clay and mica | 11 | 72 |
| Fine brown sand and some clay and mica | 17 | 89 |
| Brown sandy clay, gray clay and hardpan | 10 | 99 |
| Brown sandy clay and mica | 8 | 107 |
| Fine brown sand and sandy clay | 20 | 127 |
| Fine brown sand, multi-colored sandy clay, hardpan and mica | 18 | 145 |
| Fine brown sand, mica and clay | 11 | 156 |
| Fine brown sand, hardpan and streaks of clay | 5 | 161 |
| Fine brown sand and mica | 4 | 165 |
| Fine brown sand, clay and hardpan | 2 | 167 |
| Solid gray clay and lignite | 5 | 172 |
| Multi-colored fine sand and some sandy clay | 8 | 180 |
| Fine brown sand, mica, hardpan and multi-colored sandy clay | 8 | 188 |
| Fine brown sand, mica, hardpan, clay, grits and gravel | 8 | 196 |
| Fine brown sand, hardpan and lumps of multi-colored clay | 7 | 203 |
| Fine brown sand, hardpan and multi-colored clay | 10 | 213 |
| Fine brown sand, clay, grits and gravel | 10 | 223 |
| Solid brown clay | 9 | 232 |
| Brown sandy clay and lignite | 4 | 236 |
| Brown sand, gray sand, hardpan and clay | 6 | 242 |
| Fine brown sand, some multi-colored sandy clay and hardpan | 10 | 252 |
| Medium fine brown sand, some multi-colored sandy clay and hardpan | 36 | 288 |
| Fine brown sand, multi-colored sandy clay, hardpan and mica | | below 288 |

Casing: 16 inches.

Screen: 31 feet of 16 inch with bottom at 281 feet.
21 feet of 16 inch with bottom at 116 feet.

Pumping test:

October 31, to November 1, 1955.

| | |
|---------------------------|----------|
| Duration: | 24 hours |
| Static water level: | 17 feet |
| Drawdown: | 28 feet |
| Yield: | 1525 gpm |

N-5485. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand, grits, gravel | 51 | 54 |
| Fine brown sand, some clay, mica | 10 | 64 |

(Continued on next page)

N-5485. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fine brown sand, sandy clay, hardpan, mica | 10 | 74 |
| Fine gray sand, multi-colored sandy and solid clay, mica | 16 | 90 |
| Fine gray sand, multi-colored sandy clay, hardpan | 5 | 95 |
| Fine gray sand, mica, sandy clay | 5 | 100 |
| Fine brown sand, mica, sandy clay | 3 | 103 |
| Hardpan, mica | 8 | 111 |
| Multi-colored sandy and solid clay, hardpan | 5 | 116 |
| Fine brown sand, mica, some clay | 10 | 126 |
| Fine brown sand, mica, some clay | 9 | 135 |
| Fine brown sand, clay, mica | 10 | 145 |
| Fine brown sand, mica, hardpan, stones, some clay | 6 | 151 |
| Fine brown sand, mica, hardpan, sandy clay | 8 | 159 |
| Fine brown sand, sandy clay, hardpan, mica, stones | 7 | 166 |
| Fine brown sand, clay, stones, mica | 4 | 170 |
| Multi-colored, sandy and solid clay | 6 | 176 |
| Gray solid clay and pyrite | 4 | 180 |
| Solid gray clay, lignite, pyrite, some gravel | 4 | 184 |
| Lignite and pyrite | 2 | 186 |
| Solid gray clay | 3 | 189 |
| Solid gray clay, lignite and pyrite | 4 | 193 |
| Fine brown sand, streaks of dark gray clay, hardpan | 6 | 199 |
| Fine brown sand, dark gray clay, hardpan | 24 | 223 |
| Solid dark gray clay, pyrite | 10 | 233 |
| Medium fine gray sand, hardpan, sandy clay | 13 | 246 |
| Fine gray sand, mica, hardpan, brown clay | 3 | 249 |
| Fine gray sand, mica, some lignite | 5 | 254 |
| Medium fine gray sand, mica, lignite | 2 | 256 |
| Fine gray sand, mica, multi-colored sandy clay | 4 | 260 |
| Fine gray sand, mica, multi-colored sandy clay | 10 | 270 |
| Fine gray sand | 6 | 276 |

Casing: 16 inches.

Screen: 58 feet of 16 inch with bottom at 278 feet.

Pumping test:

November 1, 1956 to November 2, 1956.

| | |
|---------------------------|----------|
| Duration: | 24 hours |
| Static water level: | 23 feet |
| Drawdown: | 32 feet |
| Yield: | 1540 gpm |

N-5507. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, grits and rocks | 10 | 10 |
| Coarse brown sand, grits and gravel | 41 | 51 |
| Solid gray clay | 3 | 54 |
| Coarse brown sand, grits, gravel and clay | 12 | 66 |
| Coarse brown sand, grits and gravel | 7 | 73 |
| Fine brown sand, hardpan and clay | 19 | 92 |
| Multi-colored sandy clay and hardpan | 10 | 102 |
| Medium coarse brown sand and hardpan | 5 | 107 |
| Fine brown sand, multi-colored clay and mica | 15 | 122 |
| Sandy clay and mica | 10 | 132 |
| Sandy clay, hardpan and mica | 30 | 162 |
| Fine brown sand, clay and hardpan | 3 | 165 |

N-5507. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Hardpan, lignite and multi-colored clay | 3 | 168 |
| Solid gray clay, hard | 10 | 178 |
| Fine brown sand, hardpan, lumps of clay | 24 | 202 |
| Gray clay, hardpan and pyrite | 5 | 207 |
| Fine brown sand, lumps of clay | 10 | 217 |
| Fine brown sand, lumps of clay and lignite | 6 | 223 |
| Fine brown sand, clay, hardpan, lignite and pyrite | 16 | 239 |
| Fine brown sand and clay | 11 | 250 |
| Sandy clay, hardpan and pyrite | 10 | 260 |
| Fine brown sand, hardpan, pyrite, clay and mica | 16 | 276 |
| Fine gray sand, sandy clay and pyrite | 4 | 280 |
| Fine gray sand, some clay and mica | 15 | 295 |
| Medium coarse gray sand, streaks of clay and mica | 12 | 307 |
| Fine gray sand, clay, lignite and pyrite | 9 | 316 |
| Gray sandy clay, lignite and pyrite | 3 | 319 |

Casing: 30 and 16 inches.

Screen: 11 feet of 16 inch with bottom at 102 feet.

11 feet of 16 inch with bottom at 152 feet.

32 feet of 16 inch with botttom at 314 feet.

Note: All measurements are from basement floor which is 16 feet below grade.

Pumping test:

| | |
|-------------------------------------------|-------------------------------|
| November 16 and 17, 1956. Duration: | 24 hours |
| Static water level: | 9 feet below top of casing |
| Drawdown: | 32 feet |
| Yield: | 1613 gpm |

N-5528. (D-5) Manhasset-Lakeville Water District, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by Layne-New York Co., Inc., May 4, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Hardpan | 16 | 16 |
| Hard sand and gravel | 82 | 108 |
| Hard clay | 8 | 116 |
| Hard sand | 17 | 133 |
| Sand and gravel, hard streaks | 62 | 195 |
| White clay | 6 | 201 |
| Sand and gravel | 29 | 230 |
| Clay | 12 | 242 |
| Sand and gravel, clay streaks | 63 | 305 |
| Various color clay | 14 | 319 |
| White sand, hard streaks | 34 | 353 |
| White clay | 5 | 358 |
| Sand and gravel, hard | 38 | 396 |
| Sandy clay | 8 | 404 |
| Coarse sand and gravel | 91 | 495 |
| Tough clay | 5 | 500 |

Casing: 30, 20 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 490 feet.

Pumping test:

| | |
|------------------------------|----------|
| May 4, 1956. Duration: | 8 hours |
| Static water level: | 193 feet |
| Drawdown: | 34 feet |
| Yield: | 1070 gpm |

N-5535. (D-5) Deepdale, Inc., north of Horace Harding Expressway east of Valley Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., November 8, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Coarse brown sand, grits, gravel and boulders | 17 | 20 |
| Coarse brown sand, gravel and boulders | 45 | 65 |
| Coarse brown sand, grits, gravel and boulders | 10 | 75 |
| Fine to medium brown sand and mica | 5 | 80 |
| Coarse sand and boulders | 7 | 87 |
| Fine brown sand, sandy clay, imbedded gravel | 1 | 88 |
| Sandy and solid multi-colored clay | 10 | 98 |
| Coarse brown sand and gravel, large stones | 30 | 128 |
| Fine to coarse gray sand, grits and boulders | 40 | 168 |
| Fine to coarse sand, cemented gravel | 15 | 183 |
| Coarse sand and grits | 10 | 193 |
| Fine to coarse sand and cemented gravel | 7 | 200 |
| Fine brown sand, gravel and boulders | 8 | 208 |
| Fine brown sand, multi-colored sandy clay | 20 | 228 |
| Gray sandy clay | 7 | 235 |
| Fine gray sand and multi-colored clay | 27 | 263 |
| Multi-colored sandy clay | 7 | 270 |
| Solid gray clay | 3 | 273 |
| Fine gray sand and hardpan | 3 | 276 |
| Solid gray clay, very sticky | 9 | 285 |
| Solid multi-colored clay, lignite and hardpan | 1 | 286 |
| Multi-colored sandy clay, grits, lignite and hardpan | 1 | 287 |
| Fine to medium sand, streaks of sandy clay, lignite and hardpan | 1 | 288 |
| Fine to medium gray sand and sandy gray clay | 4 | 292 |
| Fine brown sand, hardpan, streaks of clay | 8 | 300 |
| Fine gray sand and sandy clay | 8 | 308 |
| Fine gray sand, streaks of solid clay and hardpan | 3 | 311 |
| Solid gray clay | 6 | 317 |
| Solid gray clay and pyrite | 9 | 326 |
| Multi-colored solid clay and hardpan | 2 | 328 |
| Multi-colored sandy clay, streaks of fine brown sand and hardpan | 1 | 329 |
| Fine brown sand, lumps of multi-colored clay and hardpan | 4 | 333 |
| Fine to coarse gray sand, grits, some clay | 10 | 343 |
| Fine to coarse gray sand, grits, lumps of clay | 7 | 350 |
| Coarse brown grits | 10 | 360 |
| Coarse brown sand, layers of sandy clay | 3 | 363 |
| Coarse brown sand, grits, some clay | 32 | 395 |
| Coarse brown sand, grits, layers of multi-colored clay | 2 | 397 |
| Solid multi-colored clay | 10 | 407 |
| Fine to coarse sand, grits and gravel | 3 | 410 |

Casing: 16 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 390 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| November 16, 1955. | Duration: | 8 hours |
| | Static water level: | 186 feet |
| | Drawdown: | 17 feet |
| | Yield: | 690 gpm |

N-5542. (D-5) Grand Union Company, north of Northern Boulevard and west of Great Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., July 28, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Coarse brown sand | 10 | 10 |
| Fine sand, some clay | 65 | 75 |
| Medium fine brown sand, some clay, few grits | 13 | 88 |
| Brown and gray clay, very little sand | | below 88 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 85 feet.

| | |
|---------------------------|---------|
| Static water level: | 46 feet |
| Yield: | 100 gpm |

N-5546. (E-7) David Merson, south of Cleft Road and east of Horse Shoe Road, Mill Neck. Drilled by Eastern Well & Pump Co., January 12, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Dirty brown hard packed sand, grits, gravel and large stones | 8 | 9 |
| Reddish brown dirty sand, gravel and boulders | 23 | 31 |
| Brown medium coarse dirty sand, grits, and gravel | 19 | 50 |
| Light brown clean sharp sand, grit and gravel | 19 | 69 |
| Dirty brown medium coarse sand, grit and gravel | 19 | 88 |
| Clay, brown sand, grit and gravel | 5 | 93 |
| Clayey gray-brown sand, grit and gravel | 9 | 102 |
| Silty fine brown sand, grits, mica | 3 | 105 |
| Fine dirty sand, hardpan | 6 | 111 |
| Medium coarse sand, grit and gravel | 12 | 123 |
| Fine light brown sand (fairly clean) | 5 | 128 |
| Light brown medium fine sand, grits | 3 | 131 |
| Fine dirty brown sand, clay and hardpan | 3 | 134 |
| Brown medium coarse sand and grits | 6 | 140 |
| Gray clay | 5 | 145 |
| Gray and brown clay | 20 | 165 |
| Dirty gray sand and grits, clayey | 3 | 168 |
| Fine silty sand, clay lumps and mica | 7 | 175 |
| Dirty gray sand, grits, lumps of clay | 3 | 178 |
| Yellow brown sand, medium to coarse, lot grit and gravel | 9 | 187 |

Casing: 8 inches.

Screen: 6 feet of 6 inch with bottom at 187 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 12, 1956. Duration: | 6 hours |
| Static water level: | 135 feet |
| Drawdown: | 6 feet |
| Yield: | 45 gpm |

N-5575. (C-7) New York City—Department of Water Supply, Gas and Electricity, Wantagh. Drilled by New York City, July 14, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Coarse red sand | 25 | 25 |
| Greenish fine sand | 11 | 36 |
| Fine gray sand | 11 | 47 |
| Gray clay | 5 | 52 |

(Continued on next page)

N-5575. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fine gray sand | 6 | 58 |
| Gray clay | 4 | 62 |
| Fine reddish sand | 8 | 70 |
| Coarser reddish sand | 20 | 90 |
| Clay, coarse gray sand | 10 | 100 |

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 100 feet.

Pumping test:

| | |
|--------------------------------|--------|
| July 14, 1955. Duration: | 1 hour |
| Static water level: | flows |
| Drawdown: | 1 foot |
| Yield: | 13 gpm |

N-5582. (C-6) Lord & Taylor c/o The Garden City Co., south of 13th Street and Franklin Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., March 23, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Fill soil and loam | 10 | 10 |
| Coarse brown sand, grits, gravel | 40 | 50 |
| Medium coarse brown sand | 15 | 65 |
| Medium coarse brown sand and gravel | 15 | 80 |
| Coarse brown sand, gravel and stones | 6 | 86 |
| Medium coarse brown sand and grits | 9 | 95 |
| Coarse brown sand, grits and stones | 2 | 97 |
| Brown clay | 6 | 103 |
| Solid gray clay | 15 | 118 |
| Gray sandy clay and streaks of sand | 7 | 125 |
| Gray sandy clay | 20 | 145 |
| Solid gray clay | 59 | 214 |
| Fine gray sand and streaks of gray clay | 14 | 228 |
| Solid gray clay | 4 | 232 |
| Gray clay and some grits | 5 | 237 |
| Fine gray sand and some dark gray clay | 30 | 267 |
| Medium coarse gray sand and some dark gray clay | 10 | 277 |
| Fine gray sand and some dark gray clay | 8 | 285 |

Casing: 12 inches.

Screen: 31 feet of 10 inch with bottom at 274 feet.

Pumping test:

| | |
|------------------------------------|----------|
| November 21, 1955. Duration: | 12 hours |
| Static water level: | 34 feet |
| Drawdown: | 44 feet |
| Yield: | 448 gpm |

N-5583. (B-5) H. C. Bohack Co., Inc., north of Rockaway Avenue and east of Roosevelt Avenue, Valley Stream. Drilled by Sweeney & Gray Co., Inc., November 10, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Basement | 7 | 7 |
| Fine to medium sand | 38 | 45 |

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 45 feet.

N-5583. (*Continued*)

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| November 10, 1955. | Duration: | 4 hours |
| | Static water level: | 8 feet |
| | Drawdown: | 3 feet |
| | Yield: | 45 gpm |

N-5589. (B-5) Union Free School District #14 (Hewlett High School), south of East Rockaway Road and west of Meadowview Avenue, Hewlett. Drilled by Mathies Well & Pump Co., Inc., June 19, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and stones | 6 | 6 |
| Medium sand and grits | 21 | 27 |
| Gray clay | 35 | 62 |
| Fine sand, some grits | 16 | 78 |

Casing: 4 inches.

Screen: 9 feet of 4 inch with bottom at 78 feet.

Pumping test:

| | | |
|---------------------|---------------------------|---------|
| September 19, 1955. | Duration: | 2 hours |
| | Static water level: | 9 feet |
| | Yield: | 45 gpm |

N-5593. (B-5) Crestwood Dairy, Inc., north of Merrick Road and east of Dawes Avenue, Lynbrook. Drilled by Mathies Well & Pump Co., Inc., October 20, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Gray clay | 2 | 7 |
| Fine sand (tied in clay) | 10 | 17 |
| Fine brown sand | 40 | 57 |
| White clay | 8 | 65 |
| Gray sandy clay | 20 | 85 |
| Brown clay | 11 | 96 |
| Brown sandy clay | 29 | 125 |
| Gray sandy clay | 13 | 138 |
| Fine gray sand (life) | 5 | 143 |
| Solid gray clay | 37 | 180 |
| Sandy gray clay (soft) | 80 | 260 |
| Fine sand | 8 | 268 |
| Fine sand | 7 | 275 |
| Fine sand | 4 | 279 |
| Fine sand and clay | 1 | 280 |
| Fine sand | 18 | 298 |

Casing: 10 inches.

Screen: 31 feet of 6 inch with bottom at 297 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| October 20, 1955. | Duration: | 8 hours |
| | Static water level: | 10 feet |
| | Drawdown: | 53 feet |
| | Yield: | 530 gpm |

N-5594. (D-7) Mid-Island Shopping Center, south of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 19, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel | 40 | 40 |
| Same as above, with large stones | 26 | 66 |
| Coarse brown sand, gravel, lumps clay | 10 | 76 |
| Fine brown sand | 18 | 94 |
| Solid gray clay | 7 | 101 |
| Fine multi-colored sand, some clay, mica | 37 | 138 |
| Fine brown sand, some clay | 14 | 152 |
| Fine multi-colored sand, sandy clay, mica | 12 | 164 |
| Fine multi-colored sand, some clay, mica | 9 | 173 |
| Fine multi-colored sand, sandy clay, mica | 7 | 180 |
| Fine brown sand, mica | 11 | 191 |
| Solid gray clay | 11 | 205 |
| Fine multi-colored sand, sandy and solid clay | 5 | 210 |
| Fine brown sand, mica | 4 | 214 |
| Fine brown sand, sandy clay, mica | 5 | 219 |
| Fine gray sand, sandy clay, mica | 10 | 229 |
| Solid and multi-colored sandy clay | 5 | 234 |
| Fine multi-colored sand, sandy clay, mica | 6 | 240 |
| Fine brown sand, sandy clay, mica | 5 | 245 |
| Coarse brown sand, some clay, mica | 8 | 253 |
| Fine multi-colored sand, streaks clay, mica | 3 | 256 |
| Solid brown clay | 6 | 262 |
| Solid gray clay, streaks sandy clay | 10 | 272 |
| Gray sandy clay, solid gray clay | 16 | 288 |
| Solid gray clay | 3 | 291 |
| Multi-colored sandy clay, streaks solid clay | 6 | 297 |
| Fine gray sand, mica, some clay | 10 | 307 |
| Fine gray sand, streaks sandy and solid clay | 5 | 312 |
| Medium brown sand, some clay | 5 | 317 |
| Fine gray sand, mica, streaks sandy clay | 6 | 323 |
| Multi-colored sandy clay, streaks fine gray sand | 4 | 327 |
| Solid gray clay | 4 | 331 |
| Gray sandy clay | 7 | 338 |
| Multi-colored sandy clay, streaks fine gray sand | 14 | 352 |
| Fine gray and pink sand, mica, some clay | 9 | 361 |
| Medium brown and pink sand, some clay | 9 | 370 |
| Fine brown and pink sand, mica, some clay | 8 | 378 |
| Medium multi-colored sand, some clay, small grits | 4 | 382 |
| Fine multi-colored sand, mica, some clay | 11 | 393 |
| Medium brown sand, streaks sandy and solid clay | 10 | 403 |
| Medium coarse brown sand, some small grits | 6 | 409 |
| Fine multi-colored sand, streaks sandy and solid clay | 13 | 422 |
| Medium brown sand, mica | 7 | 429 |
| Multi-colored sand, some clay, streaks solid clay | 4 | 433 |
| Multi-colored sand, mica, streaks sandy clay | 7 | 440 |

Casing: 16 inches.

Screen: 15 feet of 16 inch with bottom at 145 feet.

21 feet of 16 inch with bottom at 190 feet.

15 feet of 16 inch with bottom at 255 feet.

Pumping test:

October 12, 1955. Duration: 8 hours

Static water level: 48 feet

Drawdown: 30 feet

Yield: 1212 gpm

N-5595. (C-6) North Shore Land Corporation, south of Old Country Road and east of Ivy Court, Garden City. Drilled by Mathies Well & Pump Co., Inc., September 8, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Pit | 10 | 10 |
| Coarse sand and gravel | 65 | 75 |
| Fine sand, some gravel | 13 | 88 |
| Casing: 8 inches. | | |
| Screen: 17 feet of 6 inch with bottom at 87½ feet. | | |
| Pumping test: | | |
| August 31, 1955. Duration: | 2 | hours |
| Static water level: | 36½ | feet |
| Drawdown: | 9 | feet |
| Yield: | 200 | gpm |

N-5599. (D-6) G. Schenk, south of I. U. Willets Road and east of Shelter Rock Road, Albertson. Drilled by Fred Habenicht & Sons, March 17, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil | 6 | 6 |
| Clay and sand mix | 67 | 73 |
| Light sandy clay mix, mica | 45 | 118 |
| Light yellow sandy clay | 13 | 131 |
| Light yellow sand, very muddy | 17 | 148 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 3¾ inch with bottom at 148 feet. | | |
| Pumping test: | | |
| September 10, 1956. Duration: | 3 | hours |
| Static water level: | 97 | feet |
| Yield: | 20 | gpm |

N-5608. (D-6) H. H. Rains, south of Ridge Drive and west of Knolls Drive, East Hills. Drilled by C. W. Lauman & Co., Inc., November 22, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Cobble stones, coarse sand, gravel | 10 | 10 |
| Coarse sand, gravel, stones | 62 | 72 |
| Casing: 6 inches. | | |
| Screen: 10¾ feet of 4 inch with bottom at 72 feet. | | |
| Static water level: | 36 | feet |
| Yield: | 40 | gpm |

N-5620. (E-7) Jenkins (Builder) north of Roosevelt Road and west of Joyce Place, Centre Island. Drilled by C. W. Lauman & Co., Inc., October 26, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Basement | 7 | 7 |
| Solid brown clay | 11 | 18 |
| Hardpan | 28 | 46 |
| Dark brown sand, plenty of gravel | 3 | 49 |

(Continued on next page)

N-5620. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Solid blue-gray clay | 14 | 63 |
| Coarse brown sand and gravel | 5 | 68 |
| Yellowish brown sand and gravel | 2 | 70 |
| Light brown sand, grits, large stones | 5 | 75 |
| Casing: 4 inches. | | |
| Screen: 5¾ feet of 4 inch with bottom at 68 feet. | | |
| Static water level: | 34 | feet |
| Yield: | 10 | gpm |

N-5624. (C-6) Apostolic Church, California Avenue and Front Street, Uniondale. Drilled by Eastern Well & Pump Co., October 12, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Red-brown grits and clay | 2 | 5 |
| Red gravel and stones | 3 | 8 |
| Hard yellow sand | 2 | 10 |
| Coarse brown sand, grits and gravel | 11 | 21 |
| Heavy grit and gravel, light brown sand | 12 | 33 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 2 inch with bottom at 38 feet. | | |
| Pumping test: | | |
| October 12, 1955. Duration: | 2 | hours |
| Static water level: | 19¾ | feet |
| Drawdown: | 2 | feet |
| Yield: | 20 | gpm |

N-5627. (C-8) J. T. Powell Professional Building, north of Merrick Road and west of Jackson Avenue, Seaford. Drilled by Eastern Well & Pump Co., June 10, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sandy clay | 1 | 1 |
| Hard gray-green clay | 1 | 2 |
| Clean light brown sand, few grits | 26 | 28 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 26½ feet. | | |
| Pumping test: | | |
| June 10, 1956. Duration: | 2 | hours |
| Static water level: | 4 | feet |
| Drawdown: | 5½ | feet |
| Yield: | 45 | gpm |

N-5634. (E-7) Mr. and Mrs. Rockike, Cedar Lane and Centre Island Road, Centre Island. Drilled by Fred Habenicht & Sons, March 3, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------|---------------------|-----------------|
| Well | 6 | 6 |
| Clay and stones | 43 | 49 |
| Sandy clay and mica | 24 | 73 |
| Yellow sandy clay | 8 | 81 |

N-5634. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse yellow sand | 6 | 87 |
| Sand and gravel | 2 | 89 |
| Well point | 4 | 93 |
| Casing: 4 inches. | | |
| Screen: 4 feet of 2 inch with bottom at 93 feet. | | |
| Pumping test: | | |
| October 13, 1955. Duration: | 6 hours | |
| Static water level: | 67 feet | |
| Yield: | 14 gpm | |

N-5643. (C-5) The Franklin National Bank, south of Hempstead Turnpike and west of James Street, Franklin Square. Drilled by Eastern Well & Pump Co., October 21, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Cellar | 6 | 6 |
| Medium brown sand, some grits | 24 | 30 |
| Stones, gravel, grits, some sand | 3 | 33 |
| Medium to fine brown sand | 7 | 40 |
| Medium brown sand, some grits | 8 | 48 |
| Coarse red-brown sand and grits | 17 | 65 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 4 inch with bottom at 65 feet. | | |
| Pumping test: | | |
| October 27, 1955. Duration: | 3 hours | |
| Static water level: | 16 feet | |
| Drawdown: | 9 feet | |
| Yield: | 125 gpm | |

N-5644. (D-7) Mid-Island Shopping Plaza, north of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 18, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, grits, gravel | 20 | 20 |
| Same as above, with large stones | 9 | 29 |
| Fine brown sand, grits, gravel, stones | 10 | 39 |
| Medium coarse brown sand, grits, gravel, stones | 16 | 55 |
| Fine brown sand and gravel | 19 | 74 |
| Coarse brown sand and grits | 9 | 83 |
| Fine brown sand, multi-colored clay, mica | 20 | 103 |
| Multi-colored sandy clay | 10 | 113 |
| Fine brown sand, mica, clay | 13 | 126 |
| Medium brown sand, mica, some clay | 11 | 137 |
| Fine gray sand, mica, streaks clay | 19 | 156 |
| Fine multi-colored sand, mica | 10 | 166 |
| Fine multi-colored sand | 10 | 176 |
| Same as above, with mica | 10 | 186 |
| Medium brown sandy clay | 5 | 191 |
| Fine sand, streaks multi-colored sandy clay, mica | 10 | 201 |
| Gray clay | 9 | 210 |
| Multi-colored sandy clay, streaks clay | 5 | 215 |
| Fine brown sand, some clay | 9 | 224 |

(Continued on next page)

N-5644. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fine brown sand, multi-colored sandy clay | 13 | 237 |
| Multi-colored sandy clay | 8 | 245 |
| Fine brown sand, some clay | 7 | 252 |
| Fine gray sand, some clay, hardpan | 8 | 260 |
| Medium coarse brown sand, some clay, hardpan | 5 | 265 |
| Gray clay | 1 | 266 |
| Medium coarse brown sand, some clay, hardpan | 5 | 271 |
| Fine brown sand, mica | 3 | 274 |

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 270 feet.

Pumping test:

| | |
|------------------------------------|---------|
| October 25, 1955. Duration : | 8 hours |
| Static water level: | 65 feet |
| Drawdown: | 27 feet |
| Yield: | 361 gpm |

N-5649. (D-7) Westbury Sand & Gravel Co., south of Grand Boulevard and west of Grand Street, Westbury. Drilled by C. W. Lauman & Co., Inc., November 30, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Fill and stones | 5 | 5 |
| Brown sand, gravel | 25 | 30 |
| Brown sand and gravel (water bearing) | 20 | 50 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 49 feet.

Pumping test:

| | |
|---------------------------------------------|---------|
| October 26, 1955. Static water level: | 16 feet |
| Drawdown: | 10 feet |
| Yield: | 60 gpm |

Note: Water temperature 53° Fahrenheit.

N-5650. (D-5) Great Neck Sewer District, south of Vista Road and west of East Shore Road, Great Neck. Drilled by Weidner's Pump Service, November 20, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------|---------------------|-----------------|
| Fill | 7 | 7 |
| Top soil | 1 | 8 |
| Fine sand and clay | 27 | 35 |
| Clay | 8 | 43 |
| Fine sand | 9 | 52 |
| Coarse sand | 4 | 56 |
| Clay | | below 56 |

Casing: 2 inches.

Screen: 4 feet of 1½ inch with bottom at 56 feet.

Pumping test:

| | |
|-------------------------------------|---------|
| November 20, 1955. Duration : | 2 hours |
| Static water level: | 7 feet |
| Drawdown: | 15 feet |
| Yield: | 15 gpm |

N-5653. (C-6) Long Island Water Corporation, south of Woodland Drive and west of West Long Beach Road, South Hempstead. Drilled by C. W. Lauman & Co., Inc., April 6, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, grits, gravel | 60 | 60 |
| Coarse brown sand, grits, gravel and clay | 10 | 70 |
| Fine gray sand, streaks of clay | 15 | 85 |
| Medium coarse gray sand, grits, gravel, streaks of clay | 3 | 88 |
| Fine gray sand, streaks of clay, mica | 20 | 108 |
| Fine gray sand, streaks of clay, lignite | 20 | 128 |
| Solid gray clay | 10 | 138 |
| Fine gray sand, streaks of clay, lignite | 24 | 162 |
| Fine gray sand, mica, streaks of clay | 10 | 172 |
| Fine gray sand, mica, lignite | 10 | 182 |
| Solid gray clay, streaks of sand | 10 | 192 |
| Fine gray sandy clay, lignite, mica, some clay | 10 | 202 |
| Fine gray sand, lignite, mica and clay | 15 | 217 |
| Gray sandy clay, clay, lignite | 9 | 226 |
| Fine gray sand, lignite, mica | 10 | 236 |
| Fine gray sand, mica, streaks of clay, lignite | 30 | 266 |
| Fine gray sand, mica, lignite | 6 | 272 |
| Fine gray sand, lignite, clay | 10 | 282 |
| Fine gray sand, lignite, some clay | 30 | 312 |
| Fine gray sandy clay, mica, lignite | 10 | 322 |
| Fine gray sand, some clay, lignite | 50 | 372 |
| Fine gray sand, mica and lignite | 10 | 382 |
| Medium gray sand, streaks of clay, pyrite | 10 | 392 |
| Fine gray sand, streaks of clay, mica | 10 | 402 |
| Fine gray sand, pyrite, lignite | 8 | 410 |
| Fine gray sand, lignite, mica | 8 | 418 |
| Fine gray sandy clay, pyrite, lignite | 12 | 430 |
| Fine gray sand | 10 | 440 |
| Fine gray sand, sandy clay, clay | 10 | 450 |
| Fine gray sand, sandy clay, lignite | 4 | 454 |
| Solid gray clay | 9 | 463 |
| Gray clay and pyrite | 16 | 479 |
| Coarse gray sand and gray clay | 4 | 483 |
| Solid gray clay | 6 | 489 |
| Medium coarse gray sand, mica, streaks of clay | 14 | 503 |
| Coarse gray sand, some mica | 10 | 513 |
| Coarse gray sand, grits, streaks of clay | 15 | 528 |
| Fine brown sand, some clay, grits | 9 | 537 |
| Medium coarse sand, grits | 3 | 540 |
| Fine sand, grits, clay | 5 | 545 |
| Coarse sand, grits, clay | 3 | 548 |
| Fine gray sand, some clay | 12 | 560 |
| Coarse sand, grits | 4 | 564 |
| Fine gray sand, grits | 4 | 568 |
| Gray sand, grits, gravel, clay | 5 | 573 |
| Coarse gray sand, grits, gravel | 13 | 586 |
| Fine gray sand, sandy clay and hardpan | 4 | 590 |

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 589 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| February 20, 1956. | Duration: | 8 hours |
| | Static water level: | 12 feet |
| | Drawdown: | 42 feet |
| | Yield: | 1500 gpm |

Note: Water temperature 53° Fahrenheit.

N-5654. (C-6) Westbury Water District, north of Old Country Road and east of Grand Street, Westbury. Drilled by Layne-New York Co., Inc., August 15, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Brown sand and gravel | 34 | 34 |
| Light brown sand | 14 | 48 |
| Fine muddy sand | 34 | 82 |
| Sand, brown clay, iron oxide | 54 | 136 |
| Black clay | 5 | 141 |
| Fine white sand | 7 | 148 |
| Gray clay | 18 | 166 |
| Sand | 13 | 179 |
| Clay | 4 | 183 |
| Fine sand, some brown clay | 46 | 229 |
| White-brown clay, fine white-brown sand | 31 | 260 |
| Coarse sand and gravel | 15 | 275 |
| Hard streaks | 1 | 276 |
| Sand | 65 | 341 |
| Sand, clay | 11 | 352 |

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 335 feet.

Pumping test:

| | | |
|----------------------------------|-----|-------|
| August 15, 1956. Duration: | 8 | hours |
| Static water level: | 25½ | feet |
| Drawdown: | 19 | feet |
| Yield: | 975 | gpm |

N-5655. (D-7) Westbury Water District, north of Broadway and east of Brooklyn Avenue, Westbury. Drilled by Layne-New York Co., Inc., August 16, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Sand, gravel | 32 | 32 |
| Various colored clay | 24 | 56 |
| Fine muddy sand, clay | 20 | 76 |
| Fine sand | 9 | 85 |
| Clay, iron oxide | 1 | 86 |
| Sand, clay, iron oxide | 14 | 100 |
| Various colored clay | 10 | 110 |
| Fine sand, clay, iron oxide | 14 | 124 |
| Fine brown sand | 7 | 131 |
| Fine sand, clay, iron oxide | 25 | 156 |
| Fine white sand | 7 | 163 |
| White and brown clay | 3 | 166 |
| Fine muddy brown sand, iron oxide | 7 | 173 |
| White and brown clay | 12 | 185 |
| Fine muddy sand | 9 | 194 |
| White and brown clay | 4 | 198 |
| Fine brown sand | 12 | 210 |
| White yellow clay | 2 | 212 |
| Brown sand | 13 | 225 |
| White and brown clay | 4 | 229 |
| Fine white brown sand | 21 | 250 |
| Fine clay | 3 | 253 |
| Fine sand | 7 | 260 |
| Various color clay | 5 | 265 |

Casing: 20 and 12 inches.

Screen: 50 feet of 12 inch, with bottom at 255 feet.

N-5655. (*Continued*)

Pumping test:
August 16, 1956. Duration: 8 hours
Static water level: 48½ feet
Drawdown: 37½ feet
Yield: 1050 gpm

N-5656. (C-6) Long Island Water Co., south of Tanglewood Road and east of Pines Pond Road, Lakeview. Drilled by Layne-New York Co., Inc., June 21, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Top soil | 5 | 5 |
| Sand and gravel | 3 | 8 |
| Soft sandy clay | 10 | 18 |
| Soft gray clay | 8 | 26 |
| Sand and gravel | 5 | 31 |
| Gray sandy clay | 78 | 109 |
| Muddy sand, wood, streaks pyrites | 71 | 180 |
| Sand and gravel | 5 | 185 |
| Muddy sand | 16 | 201 |
| Sand and wood | 10 | 211 |
| Sand and wood | 11 | 222 |
| Sand, streaks of wood | 29 | 251 |
| Fine muddy sand | 29 | 280 |
| Clay | 2 | 282 |
| Muddy sand and wood | 23 | 305 |
| Hard packed sand | 24 | 329 |
| Clay | 2 | 331 |
| Sand and streaks of clay | 79 | 410 |
| Hard packed sand | 14 | 424 |
| Hard clay | 17 | 441 |
| Coarse sand | 23 | 464 |
| Clay | 2 | 466 |
| Coarse sand and fine gravel | 34 | 500 |
| Clay | 6 | 506 |

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 495 feet.

Pumping test:
June 21, 1956. Duration: 8 hours
Static water level: 2 feet above casing
Drawdown: 61 feet
Yield: 1200 gpm

N-5663. (D-7) Health Insurance Plan of Greater New York, west of Broadway and south of Roosevelt Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., November 29, 1955.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 83 | 83 |
| Fine sand | 7 | 90 |
| Coarse sand and grits | 10 | 100 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 99 feet.

Pumping test:
November 29, 1955. Duration: 4 hours
Static water level: 57½ feet
Yield: 100 gpm

N-5664. (C-6) Korvette Westbury, Inc., south of Glen Cove Road and west of Westbury Avenue, Carle Place. Drilled by Eastern Well & Pump Co., November 16, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fill | 10 | 10 |
| Medium to coarse yellowish brown sand, grits and gravel | 7 | 17 |
| Medium to coarse light brown sand, lots grits and gravel | 24 | 41 |
| Medium to coarse light brown sand, fewer grits and gravel | 26 | 67 |
| Brown silty sand and hardpan | 3 | 70 |

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 67½ feet.

Pumping test:

| | | |
|------------------------------------|-----|-------|
| November 15, 1955. Duration: | 3 | hours |
| Static water level: | 18 | feet |
| Drawdown: | 16½ | feet |
| Yield: | 200 | gpm |

N-5667. (C-7) Nassau County Department Public Works, northwest of Jerusalem Avenue and Liberty Street, East Meadow. Drilled by Eastern Well & Pump Co., February 20, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Medium to coarse brown sand, grit and gravel | 27 | 30 |
| Clean medium to coarse dark brown sand, mostly grit and gravel | 18 | 48 |
| Fine to medium light brown sand, lots of heavy grits, gravel and stones | 7 | 55 |
| Brown medium coarse sand, mostly grits and heavy gravel | 7 | 62 |
| Layer of brown sandy clay | 1 | 63 |
| Light brown sand, fairly clean, lots of life, some small grits | 1 | 64 |
| Solid black clay | 1 | 65 |

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 64 feet.

Pumping test:

| | | |
|------------------------------------|----|-------|
| February 20, 1956. Duration: | 6 | hours |
| Static water level: | 21 | feet |
| Drawdown: | 18 | feet |

N-5672. (E-7) Beaver Dam Sports Club, northeast of Kentuck Lane, Mill Neck. Drilled by C. W. Lauman & Co., Inc., December 22, 1955.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Brown sand | 15 | 15 |
| Brown sand and clay..... | 20 | 35 |
| Gray sand and clay | 15 | 50 |
| Brown sand and clay | 5 | 55 |
| Gray sand and clay | 30 | 85 |
| Brown sand and clay | 10 | 95 |
| Brown sand, gravel, stones | 5 | 100 |
| Beach sand, gravel, stones | 15 | 115 |
| Sand, gravel, stones | 3 | 118 |
| White clay | 1 | 119 |

Casing: 8 inches.

Screen: 19½ feet of 6 inch with bottom at 121 feet.

N-5672. (*Continued*)

Pumping test:
December 6, 1955. Duration: 4 hours
Static water level: flows
Drawdown: 16 feet
Yield: 250 gpm

N-5677. (D-7) Kollsman Instrument Co., north of Jericho Turnpike and east of Willis Avenue, Syosset. Drilled by C. W. Lauman & Co., Inc., September 16, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Loam | 4 | 4 |
| Coarse brown sand, grit | 50 | 54 |
| Coarse brown sand, grit, gravel, lumps clay | 10 | 64 |
| Sandy clay, with streaks solid clay | 11 | 75 |
| Medium coarse brown sand, some clay | 4 | 79 |
| Fine gray sandy clay | 11 | 90 |
| Sandy clay, with streaks solid clay | 18 | 108 |
| Fine brown sand, some clay | 3 | 111 |
| Brown sandy clay, streaks solid clay | 16 | 127 |
| Fine brown sand, streaks clay | 24 | 151 |
| Brown sandy clay, streaks sand | 16 | 167 |
| Fine brown sand | 35 | 202 |
| Fine brown sand, some clay | 5 | 207 |
| Sandy clay, streaks brown clay | 6 | 213 |
| Fine brown sand, some clay | 4 | 217 |
| Fine brown sand | 15 | 232 |
| Fine gray sandy clay | 9 | 241 |
| Fine brown sand | 15 | 256 |
| Brown clay | 11 | 267 |
| Gray clay | 26 | 293 |
| Fine gray sandy clay, streaks solid clay | 8 | 301 |
| Fine gray sand | 7 | 308 |
| Fine brown sand, some clay, hardpan | 4 | 312 |
| Fine brown sand, some clay | 11 | 323 |
| Fine gray sandy clay | 5 | 328 |
| Fine brown sand | 26 | 354 |
| Fine multi-colored sandy clay | 4 | 358 |
| Fine brown sand | 12 | 370 |
| Fine brown sand, some clay | 4 | 374 |
| Fine brown sand | 11 | 385 |
| Fine gray sand, some clay | 4 | 389 |
| Fine brown sand | 5 | 394 |
| Medium coarse red sand | 6 | 400 |
| Medium coarse brown sand | 4 | 404 |
| Fine brown sand | 11 | 415 |
| Layers fine brown sand, solid and sandy clay | 6 | 421 |
| Solid brown clay | 8 | 429 |

Casing: 12 inches.

Screen: 35 feet of 12 inch with bottom at 206 feet.

10 feet of 12 inch with bottom at 229 feet.

15 feet of 12 inch with bottom at 257 feet.

Pumping test:
June 22, 1956. Duration: 8 hours
Static water level: 130 feet
Drawdown: 24 feet
Yield: 1060 gpm

N-5681. (D-7) Seamen & Eiseman, Inc., north of Carle Street and east of Broadway, Hicksville. Drilled by Eastern Well & Pump Co., March 2, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Clean light brown sand, grit and gravel | 76 | 84 |
| Clean sharp medium to coarse light brown sand, lots of small grits | 9 | 93 |
| Fine brown sand, medium sharp, lots of grits, some gravel | 2 | 95 |
| Casing: 6 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 96 feet. | | |
| Pumping test: | | |
| March 2, 1956. Duration: | 2 hours | |
| Static water level: | 62 feet | |
| Yield: | 45 gpm | |

N-5685. (C-6) Covell Associates Co., south of Jericho Turnpike and west of Mineola Boulevard, Mineola. Drilled by Eastern Well & Pump Co., January 14, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and gravel | 59 | 59 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 59 feet. | | |
| Pumping test: | | |
| January 14, 1956. Duration: | 2 hours | |
| Static water level: | 25 feet | |
| Drawdown: | 6 feet | |
| Yield: | 70 gpm | |

N-5686. (E-6) City of Glen Cove, north of Morris Avenue and west of Park Place, Glen Cove. Drilled by Mathies Well & Pump Co., Inc., October 27, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Sandy gray clay | 9 | 15 |
| Coarse sand, gravel, gray clay | 22 | 37 |
| Brown clay, little sand | 13 | 50 |
| Gray clay | 10 | 60 |
| Coarse sand, grits, gravel, brown and gray clay | 15 | 75 |
| Coarse sand, brown clay | 7 | 82 |
| Brown clay | 1 | 83 |
| Coarse sand and gravel | 11 | 94 |
| Casing: 6 inches. | | |
| Screen: 9 feet of 4 inch with bottom at 92½ feet. | | |
| Pumping test: | | |
| May 9, 1956. Duration: | 8 hours | |
| Static water level: | 11 feet | |
| Drawdown: | 16 feet | |
| Yield: | 45 gpm | |

N-5695. (B-6) Village of Freeport, north of Sunrise Highway and west of Bayview Avenue, Freeport. Drilled by Layne-New York Co., Inc., June 28, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Sand, gravel | 56 | 58 |
| Yellow clay | 7 | 63 |
| Sand, gravel | 15 | 78 |
| Gray clay | 6 | 84 |
| Sandy clay, wood, pyrites | 46 | 130 |
| Sand, clay, lignite, pyrites | 80 | 210 |
| Clay | 8 | 218 |
| Muddy sand, lignite, sandstone | 17 | 235 |
| Clay, sand, lignite | 4 | 239 |
| Sandy clay, lignite | 6 | 245 |
| Sand, lignite | 10 | 255 |
| Fine muddy sand | 30 | 285 |
| Sand, clay, lignite | 12 | 297 |
| Clay | 11 | 308 |
| Fine sand, lignite | 28 | 336 |
| Muddy sand, lignite | 7 | 343 |
| Fine sand, lignite | 35 | 378 |
| Hard clay | 1 | 379 |
| Muddy sand, lignite, clay | 16 | 395 |
| Sand | 19 | 414 |
| Muddy sand, clay, lignite | 6 | 420 |
| Clay | 3 | 423 |
| Muddy sand, lignite, small streaks clay | 15 | 438 |
| Clay, sand, lignite | 5 | 443 |
| Fine sand | 17 | 460 |
| Medium sand, lignite | 10 | 470 |
| Clay | 1 | 471 |
| Fine sand, lignite | 16 | 487 |
| Clay streaks, sand | 24 | 511 |
| Fine sand, lignite | 21 | 532 |
| Sandy clay | 22 | 554 |

Casing: 18 inches.

Screen: 60 feet of 12 inch with bottom at 526 feet.

Pumping test:

| | |
|--------------------------------|----------|
| March 7, 1956. Duration: | 8 hours |
| Static water level: | 14 feet |
| Drawdown: | 40 feet |
| Yield: | 1421 gpm |

N-5696. (B-7) Village of Freeport, south of Northeast Water Shed and east of Lakeview Avenue, Freeport. Drilled by Layne-New York Co., Inc., October 24, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Brown coarse sand and gravel | 43 | 45 |
| Brown sand and clay | 10 | 55 |
| Yellow sand, clay streaks | 35 | 90 |
| Yellow sandy clay | 39 | 129 |
| Tough black clay and wood | 11 | 140 |
| Gray sandy clay | 57 | 197 |
| Medium gray sand, wood | 45 | 242 |

(Continued on next page)

N-5696. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Tough black clay | 47 | 289 |
| Muddy sand | 11 | 300 |
| Hard-packed sand | 50 | 350 |
| Packed muddy gray sand | 35 | 385 |
| Sandy clay | 21 | 406 |
| Gray sand and clay streaks | 36 | 442 |
| Tough clay | 3 | 445 |
| Sandy clay | 15 | 460 |
| Fine gray sand | 10 | 470 |
| Coarse sand, wood, pyrites, streaks of clay | 51 | 521 |
| Tough clay | 7 | 528 |
| Clay, sandy clay and wood | 27 | 555 |
| Gray sand, clay | 10 | 565 |

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 518 feet.

Pumping test:

| | |
|---------------------------------|----------|
| April 16, 1956. Duration: | 8 hours |
| Static water level: | 5 feet |
| Drawdown: | 35 feet |
| Yield: | 1404 gpm |

N-5700. (C-6) The Garden City Co. (Gristedes), south of 7th Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., January 20, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 50 | 50 |
| Medium fine sand and gravel | 9 | 59 |

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 59 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 20, 1956. Duration: | 2 hours |
| Static water level: | 20½ feet |
| Drawdown: | 4 feet |
| Yield: | 100 gpm |

N-5703. (C-8) Massapequa Water District, north of Maryland Avenue and east of Ocean Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., August 10, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Coarse brown sand and gravel | 50 | 50 |
| Coarse brown sand and some grit | 24 | 74 |
| Solid gray clay | 6 | 80 |
| Streaks of gray clay, heavy gravel, shells | 5 | 85 |
| Solid gray clay, pyrite and lignite | 10 | 95 |
| Solid gray clay and pyrite | 12 | 107 |
| Fine gray sand, sandy clay, pyrite and lignite | 16 | 123 |
| Fine to coarse gray sand, some clay | 5 | 128 |
| Fine gray sand, mica and lignite | 5 | 133 |
| Coarse gray sand, streaks of solid gray clay and lignite | 8 | 141 |
| Coarse gray sand and lignite | 6 | 147 |
| Solid gray clay | 7 | 154 |
| Fine gray sand, streaks of solid gray clay and lignite | 20 | 174 |
| Fine gray sand, streaks of clay, grit and mica | 8 | 182 |

N-5703. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Solid gray clay and lignite | 10 | 192 |
| Solid gray clay and pyrite | 11 | 203 |
| Fine gray sand, lumps clay, lignite, mica and some grit | 20 | 223 |
| Fine gray sand, layers of sandy clay | 5 | 228 |
| Solid gray clay | 3 | 231 |
| Fine gray sand, some clay | 1 | 232 |
| Solid and sandy clay | 3 | 235 |
| Fine gray sand and sandy clay | 5 | 240 |
| Solid and sandy clay | 3 | 243 |
| Fine gray sand, some clay and lignite | 9 | 252 |
| Sandy gray clay and streaks of fine gray sand | 12 | 264 |
| Fine gray sand, lignite and some clay | 10 | 274 |
| Fine gray sand, lignite, some clay and mica | 30 | 304 |
| Streaks of sandy clay and solid clay | 12 | 316 |
| Fine gray sand, lignite and lump of clay, mica | 36 | 352 |
| Solid gray clay | 15 | 367 |
| Layers of gray sand and sandy clay | 24 | 391 |
| Fine gray sand and pieces of clay and mica | 10 | 401 |
| Fine gray sand and lignite | 10 | 411 |
| Fine gray sand, lignite and mica | 40 | 451 |
| Fine gray sand, lignite, pyrite and mica | 8 | 459 |

Casing: 18 inches.

Screen: 30 feet of 12 inch with bottom at 414 feet.

30 feet of 12 inch with bottom at 459 feet.

Pumping test:

| | |
|---------------------------------|----------|
| April 2, 1956. Duration : | 7½ hours |
| Static water level: | 8½ feet |
| Drawdown: | 48 feet |
| Yield: | 1404 gpm |

N-5705. (D-8) Town of Oyster Bay, south of Yoakum Road and east of Claremont Street, Old Bethpage. Drilled by Mathies Well & Pump Co., Inc., December 19, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Brown sandy clay and gravel | 20 | 20 |
| Brown sand and gravel | 10 | 30 |
| Brown sand and gravel | 15 | 45 |
| Gray sandy clay | 20 | 65 |
| Brown sandy clay..... | 15 | 80 |
| Brown and gray clay mixed | 30 | 110 |
| Brown sandy clay | 20 | 130 |
| Fine brown sandy clay | 45 | 175 |
| Coarse white sand | 8 | 183 |
| Brown sandy clay | 38 | 221 |
| Dirty red sandy clay | 9 | 230 |
| Brown and gray clay, mixed | 20 | 250 |
| Gray clay and sand, mixed | 35 | 285 |
| White and gray clay | 10 | 295 |
| Hard brown clay and sand, mixed | 35 | 330 |
| Sand and brown clay, mixed | 57 | 387 |
| Coarse brown dirty sand | 6 | 393 |
| Gray and brown clay, mixed | 3 | 396 |
| Fine brown muddy sand | 20 | 416 |
| Brown sand and white clay, mixed | 17 | 433 |
| Fine brown muddy sand | 20 | 453 |

(Continued on next page)

N-5705. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Layer brown hardpan | 2 | 455 |
| Fine brown dirty sand | 34 | 489 |
| Fine yellow sand and small grits | 3 | 492 |
| Hard gray clay | 11 | 503 |
| Orange colored sand and white clay, mixed | 10 | 513 |

Casing: 12 inches.

Screen: 42 feet of 12 inch with bottom at 492 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 24, 1956. Duration: | 1 hour |
| Static water level: | 85 feet |
| Drawdown: | 95 feet |
| Yield: | 850 gpm |

N-5708. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 23, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Top soil, loam, large stones | 8 | 8 |
| Fine to coarse brown sand, mica, large stones and boulders | 20 | 28 |
| Fine to coarse brown sand, grits, gravel and large stones | 60 | 88 |
| Fine to coarse brown sand, grits and gravel | 35 | 123 |
| Fine brown sand and gravel (hard drilling) | 5 | 128 |
| Fine brown sand, mica, lumps of clay | 10 | 138 |
| Fine brown sand, mica, lumps of clay, grits | 6 | 144 |
| Solid brown clay | 4 | 148 |
| Fine to coarse brown sand, mica and grits | 10 | 158 |
| Fine to coarse brown sand, grits, gravel and boulders | 17 | 175 |
| Fine to medium brown sand, grits | 15 | 190 |
| Fine to coarse brown sand, grits | 24 | 214 |
| Fine to coarse brown sand, grits and gravel | 22 | 236 |
| Coarse red sand and grits | 5 | 241 |
| Fine to coarse red sand and grits | 2 | 243 |
| Fine to coarse brown sand, grits, gravel and boulders | 3 | 246 |

Casing: 8 inches.

Screen: 31 feet of 8 inch with bottom at 242 feet.

Pumping test:

| | |
|----------------------------------|----------|
| August 23, 1956. Duration: | 8 hours |
| Static water level: | 148 feet |
| Drawdown: | 10 feet |
| Yield: | 275 gpm |

Note: Water temperature 53° Fahrenheit.

N-5709. (B-6) L. Sarant, south of Meister Boulevard and east of Sterling Avenue, Baldwin Bay. Drilled by C. W. Lauman & Co., Inc., July 11, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Black muck | 10 | 10 |
| Fine sand and muck | 5 | 15 |
| Sand and gravel | 5 | 20 |
| Coarse brown sand and gravel | 10 | 30 |
| Fine gray sand | 8 | 38 |
| Fine gray sand, mixed with pieces of gray clay | 2 | 40 |
| Soft black clay | 5 | 45 |

N-5709. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 5 | 50 |
| Soft gray clay | 15 | 65 |
| Fine muddy sand | 5 | 70 |
| Fine gray sand | 20 | 90 |
| Fine and coarse clean sand | 5 | 95 |
| Gray fine sand, little dirty | 5 | 100 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 100 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 11, 1956. Duration: | 2 hours |
| Static water level: | flows |
| Drawdown: | 80 feet |
| Yield: | 44 gpm |

N-5710. (D-5) Manhasset-Lakeville Water District, south of Horace Harding Expressway and Community Drive, Manhasset. Drilled by Layne-New York Co., Inc., January 11, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Hardpan, boulders | 10 | 10 |
| Sand, gravel, boulders | 17 | 27 |
| Clay, boulders | 1 | 28 |
| Sand, gravel, boulders | 8 | 36 |
| Sand, clay, boulders | 4 | 40 |
| Sand, gravel, boulders | 11 | 51 |
| Brown sand, gravel, boulders | 8 | 59 |
| Gray sand, gravel, boulders | 13 | 72 |
| Red clay | 1 | 73 |
| Hardpan, boulders | 5 | 78 |
| Sand, gravel, boulders | 7 | 85 |
| Sand, gravel | 18 | 103 |
| Hard packed sand, gravel, clay | 17 | 120 |
| Blue clay | 86 | 206 |
| Streaks sand, blue clay | 9 | 215 |
| Blue clay, lignite | 9 | 224 |
| Streaks sand, blue clay | 42 | 266 |
| Orange clay | 2 | 268 |
| Blue clay, streaks sand | 17 | 285 |
| Orange clay | 2 | 287 |
| Muddy sand, orange clay | 5 | 292 |
| Sand, gravel, red-white clay | 14 | 306 |
| Red clay | 2 | 308 |
| Streaks sand, orange clay | 14 | 322 |
| Orange clay | 1 | 323 |
| Sand, gravel | 10 | 333 |
| Orange clay | 1 | 334 |
| Sand | 5 | 339 |
| Orange clay, iron oxide | 1 | 340 |
| Sand | 2 | 342 |
| White clay | 1 | 343 |
| Sand, gravel | 31 | 374 |
| Red-orange clay | 3 | 377 |
| Sand, gravel | 11 | 388 |
| Muddy sand, gravel | 3 | 391 |
| Sand, gravel, clay | 5 | 396 |

(Continued on next page)

N-5710. (*Continued*)

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 384 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 11, 1957. Duration: | 8 hours |
| Static water level: | 114 feet |
| Drawdown: | 96 feet |
| Yield: | 1400 gpm |

N-5725. (C-6) Newsday, Inc., south of Stewart Avenue and east of Clinton Road, Garden City. Drilled by Eastern Well & Pump Co., March 2, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil and loam | 8 | 8 |
| Coarse brown sand and gravel | 48 | 56 |
| Fine to medium sand | | below 56 |

Casing: 10 inches.

Screen: 10 feet of 8 inch with bottom at 56 feet.

Pumping test:

| | |
|--------------------------------|----------|
| March 2, 1956. Duration: | 3 hours |
| Static water level: | 15½ feet |
| Drawdown: | 12½ feet |
| Yield: | 250 gpm |

N-5743. (D-4) Robert Zwerling, south of Soundview Lane and west of Kings Point Road, Kings Point. Drilled by Eastern Well & Pump Co., June 4, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Dark brown sandy clay, large stones and rocks | 8 | 12 |
| Brown sandy clay | 8 | 20 |
| Fairly clean sand, grit and gravel | 3 | 23 |
| Gray-brown medium coarse sand, grit, gravel, large stones | 7 | 30 |
| Gray-brown fine sand, grit, gravel and mica | 3 | 33 |
| Fine to medium brown sand, grit, gravel | 4 | 37 |
| Medium to coarse brown sand, sharp and clean, grit and gravel | 15 | 52 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

| | |
|-------------------------------|---------|
| June 4, 1956. Duration: | 3 hours |
| Static water level: | 30 feet |
| Drawdown: | 5 feet |
| Yield: | 45 gpm |

N-5746. (C-7) Meadowbrook Bank, south of Hempstead Turnpike and west of Prospect Avenue, East Meadow. Drilled by Mathies Well & Pump Co., Inc., May 7, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 53 | 53 |

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 53 feet.

N-5746. (Continued)

Pumping test:
May 7, 1956. Duration: 2 hours
Static water level: 21 feet
Yield: 45 gpm

N-5749. (C-7) Irving Newman, south of Meadowbrook Road and west of Merrick Avenue, East Meadow. Drilled by Eastern Well & Pump Co., April 13, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Light brown sand, grits and gravel | 32 | 36 |
| Fine to medium yellowish-brown sand, few grits | 8 | 44 |
| Coarse to medium light brown sand, lots of grits and gravel | 12 | 56 |

Casing: 6 inches.
Screen: 9 feet of 4 inch with bottom at 56 feet.

Pumping test:
April 13, 1956. Duration: 3 hours
Static water level: 15 feet
Drawdown: 6 $\frac{1}{4}$ feet
Yield: 75 gpm

N-5750. (C-8) The Franklin National Bank, north of Conklin Street and west of Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., April 30, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------|---------------------|-----------------|
| Light brown coarse to medium sand, grits and gravel | 6 | 6 |
| Light brown medium to fine sand | 27 | 33 |

Casing: 6 inches.
Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:
April 3, 1956. Duration: 3 hours
Static water level: 4 $\frac{1}{2}$ feet
Drawdown: 6 $\frac{1}{2}$ feet
Yield: 60 gpm

N-5755. (B-5) Mr. Rosoff, southwest of Central and Lord Avenues, Lawrence. Drilled by Eastern Well & Pump Co., March 16, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Yellow-brown sand, grit and gravel | 6 | 8 |
| Yellow-brown sand, grit and gravel, large stones | 1 | 9 |
| Light brown clean sand, grit and gravel | 5 | 14 |
| Hard-packed gray sand | 6 | 20 |
| Heavy formation grit, gravel and stones | 6 | 26 |
| Light brown sand, grit, gravel | 12 | 38 |

Casing: 4 inches.
Screen: 4 feet of 4 inch with bottom at 37 feet.

Pumping test:
April 12, 1956. Duration: 2 hours
Static water level: 17 feet
Yield: 15 gpm

N-5757. (D-5) Fireproof Realty Corporation, east of Cutter Mill Road and north of Ipswich Avenue, Great Neck. Drilled by Mathies Well & Pump Co., Inc., April 9, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Fill | 12 | 12 |
| Hardpan | 10 | 22 |
| Brown sandy clay and small gravel | 46 | 68 |
| Fine brown sand and small gravel | 15 | 83 |
| Coarse brown sand and grits | 12 | 95 |

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 95 feet.

Pumping test:

| | |
|--------------------------------|---------|
| April 9, 1956. Duration: | 2 hours |
| Static water level: | 54 feet |
| Drawdown: | 10 feet |
| Yield: | 100 gpm |

N-5758. (C-6) Bartender's Local #165, east of Greenwich Street and north of Elmwood Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 19, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 30 | 30 |
| Medium fine sand and grits | 16 | 46 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 46 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 25, 1956. Duration: | 2 hours |
| Static water level: | 14 feet |
| Drawdown: | 4 feet |
| Yield: | 30 gpm |

N-5762. (E-6) New York Water Service Corporation, Roxbury Pumping Station, westerly end of Nancy Court, Glen Cove. Drilled by C. W. Lauman & Co., Inc., July 10, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Fine to coarse sand, grits, gravel and large stones | 20 | 20 |
| Fine brown sand, mica, lignite and some gravel | 5 | 25 |
| Brown sticky and sandy clay | 4 | 29 |
| Boulders and large stones imbedded in brown sticky clay | 10 | 39 |
| Fine to medium brown sand, grit, gravel and boulders | 30 | 69 |
| Fine to coarse gray sand, grit, gravel and boulders | 27 | 96 |
| Fine to coarse brown sand, grit and gravel | 6 | 102 |
| Harry gray sandy clay | 3 | 105 |
| Very fine gray sand (hard drilling) | 5 | 110 |
| Fine to coarse brown sand and grits | 17 | 127 |
| Solid and sandy brown clay | 10 | 137 |
| Layers of sandy clay, fine to medium brown sand, grits and gravel | 9 | 146 |
| Fine brown sand, mica and layers hardpan | 5 | 151 |
| Fine to coarse brown sand, grit, gravel, hardpan and some clay | 9 | 160 |
| Solid and sandy multi-colored clay | 10 | 170 |
| Solid gray clay | 1 | 171 |
| Fine gray sand, layers of sandy clay | 4 | 175 |
| Fine gray sand, grit, multi-colored sandy clay | 6 | 181 |

N-5762. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fine to coarse brown sand, grit | 7 | 188 |
| Fine brown sand and some clay | 5 | 193 |
| Fine to coarse gray sand and grit | 17 | 210 |
| Solid multi-colored clay | 5 | 215 |
| Fine gray sand, streaks sandy clay | 3 | 218 |
| Coarse brown sand, grits and gravel | 10 | 228 |
| Coarse brown sand, grits, gravel and some clay | 10 | 238 |
| Fine to coarse brown sand, grits and gravel | 16 | 254 |
| Fine to coarse sand, heavy gravel and lumps clay | 16 | 270 |
| Medium coarse gray sand and some grits | 3 | 273 |
| Fine to coarse sand, heavy gravel and layers solid clay | 7 | 280 |
| Solid white clay | 7 | 287 |

Casing: 18 inches.

Screen: 59 feet of 18 inch with bottom at 280 feet.

Pumping test:

| | |
|-------------------------------|----------|
| July 5, 1956. Duration: | 2 hours |
| Static water level: | 81 feet |
| Drawdown: | 31 feet |
| Yield: | 1893 gpm |

N-5765. (C-6) M. Di Girolamo, Pine Street, Garden City. Drilled by S. J. Breen Co., Inc., April 6, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 37 | 37 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 3½ inch with bottom at 37 feet. | | |
| Pumping test: | | |
| April 6, 1956. Duration: | 4 hours | |
| Static water level: | 11 feet | |
| Drawdown: | 5 feet | |
| Yield: | 30 gpm | |

N-5767. (B-8) New York Water Service Corporation, north of De Mott Avenue and west of Seaman Neck Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., April 30, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Loam | 3 | 3 |
| Coarse brown sand, grits, gravel | 41 | 44 |
| Fine brown sand, grits, gravel | 10 | 54 |
| Fine brown sand, mica, gravel | 5 | 59 |
| Fine brown sand, mica | 8 | 67 |
| Solid gray clay | 40 | 107 |
| Fine gray sand, sandy clay, pyrite | 19 | 126 |
| Solid gray clay | 7 | 133 |
| Fine gray sand, streaks clay | 20 | 153 |
| Fine gray sand, mica | 4 | 157 |
| Sandy gray clay | 8 | 165 |
| Solid dark gray clay | 7 | 172 |
| Fine gray sand, some clay, mica | 35 | 207 |
| Gray sandy clay, lignite | 23 | 230 |
| Fine gray sand, lignite, some clay | 25 | 255 |

(Continued on next page)

N-5767. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Fine gray sand, lignite | 37 | 292 |
| Solid gray sandy clay, lignite, pyrite | 3 | 295 |
| Fine gray sand, bits of clay | 4 | 299 |
| Sandy gray clay, lignite | 4 | 303 |
| Fine gray sand, streaks clay | 15 | 318 |
| Fine gray sand, lignite, pyrite | 2 | 320 |
| Solid gray clay, pyrite | 13 | 333 |
| Fine gray sand, streaks clay | 2 | 335 |
| Very fine gray sand | 46 | 381 |

Casing: 16 and 12 inches.

Screen: 10 feet of 12 inch with bottom at 315 feet.
50 feet of 12 inch with bottom at 384 feet.

Pumping test:

| | |
|---------------------------------|----------|
| April 27, 1956. Duration: | 8 hours |
| Static water level: | 16 feet |
| Drawdown: | 40 feet |
| Yield: | 1421 gpm |

N-5768. (B-6) Shelbourne Grand Hotel, north of Lido Boulevard and east of Allevard Street, Lido Beach. Drilled by C. W. Lauman & Co., Inc., April 5, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Bog | 1 | 6 |
| Fine gray sand, lumps of clay | 68 | 74 |
| Green clay | 56 | 130 |
| Fine gray sand, grits | 5 | 135 |
| Fine gray sand, some clay, grits | 11 | 146 |
| Gray sand, some clay, streaks of lignite | 16 | 162 |
| Fine gray sand | 85 | 247 |
| Fine gray sand, streaks of lignite and clay | 15 | 262 |
| Clay | 17 | 279 |
| Layers of fine gray sand, sandy clay and lignite | 23 | 302 |
| Fine gray sand, streaks of pyrite | 29 | 331 |
| Fine gray sand, streaks of pyrite and lignite | 28 | 359 |
| Layers of fine gray sand, clay and pyrite | 8 | 367 |
| Black clay | 9 | 376 |
| Layers of fine gray sand, sandy clay, lignite and pyrite | 31 | 407 |
| Layers of fine gray sand, sandy clay and clay | 25 | 432 |
| Fine gray sandy clay, lignite and pyrite | 16 | 448 |
| Fine gray sand | 82 | 530 |

Casing: 12 inches.

Screen: 21 feet of 6 inch with bottom at 466 feet.
22 feet of 6 inch with bottom at 530 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 14, 1957. Duration: | 4 hours |
| Static water level: | 1 foot |
| Drawdown: | 43 feet |
| Yield: | 550 gpm |

N-5776. (C-7) R. R. McGregor, south of North Bellmore Road and east of Hempstead Turnpike, Levittown. Drilled by Ted Kalmuk, April 13, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 49 | 49 |

N-5776. (*Continued*)

Casing: 4 inches.

Screen: 6 feet of 3 $\frac{3}{4}$ inch with bottom at 49 feet.

Pumping test:

| | |
|---------------------------------|---------|
| April 12, 1956. Duration: | 4 hours |
| Static water level: | 20 feet |
| Yield: | 52 gpm |

N-5792. (E-6) Sea Cliff Water Co., north of Roslyn Drive and east of Long Island Railroad, Glen Head. Drilled by Layne-New York Co., Inc., November 7, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Brown clay | 4 | 4 |
| Brown sand and gravel | 35 | 39 |
| Brown sandy clay and hard streaks | 31 | 70 |
| Hard brown sand | 48 | 118 |
| Soft gray clay | 20 | 138 |
| Hard packed brown sand | 36 | 174 |
| Brown clay | 2 | 176 |
| Hard brown sand | 4 | 180 |
| Brown clay | 12 | 192 |
| Sand and gravel, streaks of white clay | 49 | 241 |
| White clay | 4 | 245 |
| Sand and gravel | 53 | 298 |
| Clay | 3 | 301 |
| Sand and gravel, clay streaks | 10 | 311 |
| Sand and gravel and clay streaks | 22 | 333 |
| Tough clay | 11 | 344 |
| Sand and gravel, clay streaks | 17 | 361 |

Casing: 24, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 295 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| November 7, 1956. Duration: | 8 hours |
| Static water level: | 84 feet |
| Drawdown: | 6 feet |
| Yield: | 1050 gpm |

N-5797. (B-5) Samuel Jacobs, north of Willow Road and east of Keen Lane, Woodsburgh. Drilled by Eastern Well & Pump Co., April 18, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Yellow-brown sand, grit and gravel | 4 | 10 |
| Fine dirty gray sand | 1 | 11 |
| Light brown sand, fine and dirty | 9 | 20 |
| Yellow-brown sand, heavy gravel, stones and grit | 14 | 34 |

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 30 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 28, 1956. Duration: | 2 hours |
| Static water level: | 11 feet |
| Drawdown: | 3 feet |
| Yield: | 45 gpm |

N-5803. (C-8) New York City, Department of Water Supply, Gas & Electricity, Massapequa Pumping Station, Massapequa. Drilled by owner, March 28, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse brown sand and gravel | 43 | 45 |
| Muddy gray sand | 5 | 50 |
| Gray clay | 10 | 60 |
| Sandy gray clay | 15 | 75 |
| Medium gray sand | 5 | 80 |
| Fine gray sand and clay | 16 | 96 |
| Gray clay | 1 | 97 |
| Fine gray muddy sand | 7 | 104 |
| Medium gray water sand | 22 | 126 |

Casing: 8 inches.

Screen: 10 $\frac{3}{4}$ feet of 8 inch with bottom at 136 feet.

Pumping test:

March 26, 1956. Duration: 1 hour
Static water level: 3 feet

N-5848. (C-8) New York Water Service Corp., Massapequa. Drilled by C. W. Lauman & Co., Inc., June 29, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------------|---------------------|-----------------|
| Coarse sand and gravel..... | 60 | 60 |
| Fine to coarse brown sand and grit | 8 | 68 |
| Fine brown sand | 10 | 78 |
| Fine gray sand, gravel and lumps clay | 6 | 84 |
| Fine gray sand, mica and pyrite | 10 | 94 |
| Fine gray sand, mica, lignite, pyrite and sandy clay | 27 | 121 |
| Fine gray sand, mica and lignite | 20 | 141 |
| Fine gray sand, mica, lignite and pyrite | 10 | 151 |
| Fine gray sand, mica and lignite | 30 | 181 |
| Fine gray sand, mica, lignite and lumps clay | 10 | 191 |
| Fine to medium gray sand, mica, lignite, pyrite and some clay | 17 | 208 |
| Medium coarse gray sand, mica and lignite | 20 | 228 |
| Fine to medium gray sand, mica, lignite and lumps clay | 4 | 232 |
| Gray sandy clay | 6 | 238 |
| Fine gray sand, sandy clay and pyrite | 7 | 245 |
| Sandy clay, pyrite and lignite | 1 | 246 |
| Solid gray clay, lignite and pyrite | 4 | 250 |
| Fine gray sand, streaks solid clay, lignite and pyrite | 1 | 251 |
| Solid gray clay and layers sandy clay | 4 | 255 |
| Fine gray sand, mica, layers sandy clay and lignite | 26 | 281 |
| Fine to medium coarse gray sand, lignite and pyrite | 10 | 291 |
| Fine gray sand, mica, lignite, pyrite and pieces of clay | 45 | 337 |
| Fine gray sand and mica | 7 | 344 |

Casing: 16 and 12 inches.

Screen: 26 feet of 12 inch with bottom at 230 feet.

15 feet of 12 inch with bottom at 285 feet.

30 feet of 12 inch with bottom at 335 feet.

Pumping test:

June 6, 1956. Duration: 7 hours
Static water level: 12 feet
Drawdown: 33 feet
Yield: 1739 gpm

N-5852. (D-6) Roslyn Water District, east of Sycamore Drive, Roslyn. Drilled by Layne-New York Co., Inc., June 6, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Sand and gravel | 95 | 95 |
| Hard streaks gravel and sand | 90 | 185 |
| Sand, streaks yellow red clay | 30 | 215 |
| Sand, gravel and red clay | 45 | 260 |
| Sand, red yellow and gray clay | 26 | 286 |
| Hard clay | 3 | 289 |
| Hard packed sand and clay streaks | 80 | 369 |
| Hard packed sand and clay streaks | 31 | 400 |
| White clay | 4 | 404 |
| Sandy white clay | 15 | 419 |
| Sand and red clay | 10 | 429 |
| White clay | 6 | 435 |
| Coarse gray sand, some clay | 25 | 460 |
| Sand and gravel | 10 | 470 |
| Sand and gravel | 12 | 482 |
| Clay | 4 | 486 |
| Sand and clay | 14 | 500 |
| Hard streaks clay | 20 | 520 |

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 482 feet.

Pumping test:

| | |
|-------------------------------|----------|
| June 6, 1957. Duration: | 4 hours |
| Static water level: | 175 feet |
| Drawdown: | 63 feet |
| Yield: | 1250 gpm |

N-5853. (B-6) The Franklin National Bank, south of Sunrise Highway and west of Morris Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., June 6, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Medium to coarse brown sand, grits and gravel | 42 | 42 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 42 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 11, 1956. Duration: | 2 hours |
| Static water level: | 2 feet |
| Drawdown: | 13 feet |
| Yield: | 90 gpm |

Note: Measurements from cellar floor 10 feet below grade.

N-5876. (D-5) Port Washington Water District, north of Chestnut Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., June 10, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Fill | 15 | 15 |
| Brown sand, gravel | 8 | 23 |
| White sand, gravel, clay | 5 | 28 |

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N-5876. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------|---------------------|-----------------|
| Various color clay | 19 | 47 |
| Muddy fine sand | 13 | 60 |
| Clay, sand, large gravel | 24 | 84 |
| Fine white sand | 2 | 86 |
| White yellow clay, iron oxide | 8 | 94 |
| Blue clay | 10 | 104 |
| Fine gray sand | 11 | 115 |
| Sandy clay, various colors | 16 | 131 |
| Fine sand, some clay | 4 | 135 |
| Gray clay | 7 | 142 |
| Red white clay | 6 | 148 |
| White brown clay | 10 | 158 |
| Fine gray sand | 21 | 179 |
| Sand, gravel | 8 | 187 |
| Sand, gravel, clay | 11 | 198 |
| Clay | 3 | 201 |
| Sand, coarse gravel | 17 | 218 |
| Clay, streaks sand | 7 | 225 |
| Fine gray sand, some clay | 14 | 239 |
| Sandy clay | 10 | 249 |
| Fine muddy sand | 6 | 255 |
| Sandy clay | 5 | 260 |
| Fine muddy sand | 8 | 268 |
| Blue-black clay | 27 | 295 |

Casing: 30, 20 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 238 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 10, 1957. Duration: | 6 hours |
| Static water level: | 58 feet |
| Drawdown: | 49 feet |
| Yield: | 560 gpm |

N-5883. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods, East Hills. Drilled by C. W. Lauman & Co., Inc., May 23, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Top soil | 2 | 2 |
| Coarse brown sand, grits and gravel | 70 | 72 |
| Same as above, with lumps clay | 87 | 159 |
| Coarse brown sand, grits, hardpan, little clay | 8 | 167 |
| Brown sand, grits, gravel | 5 | 172 |
| Same as above, with hardpan | 5 | 177 |
| Fine brown sand and sandy clay | 5 | 182 |
| Fine brown sand, streaks sandy clay | 7 | 189 |
| Fine brown sand, fine sandy clay | 13 | 202 |
| Multi-colored sand, streaks solid clay | 5 | 207 |
| Multi-colored sand and sandy clay | 4 | 211 |
| Brown sand, gravel, grits, some clay | 4 | 215 |
| Fine multi-colored sand, some clay and sandy clay | 5 | 220 |
| Multi-colored sand, streaks sandy clay | 3 | 223 |
| Multi-colored sand, sandy clay and solid clay | 3 | 226 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 215 feet.

Static water level: 155 feet

Note: This well is used as an observation well.

N-5884. (D-5) Citizens Water Supply Company of Newtown, south of Ravine Road and west of East Shore Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., February 8, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------|---------------------|-----------------|
| Top soil, loam and boulders | 3 | 3 |
| Fine to coarse brown sand, grits and gravel | 15 | 18 |
| Coarse brown sand, grits, heavy gravel | 30 | 48 |
| Layers brown sand and sandy clay | 9 | 57 |
| Fine to coarse brown sand, grits, gravel, layers clay | 8 | 65 |
| Solid gray clay | 5 | 70 |
| Multi-colored clay, sandy clay, hardpan | 12 | 82 |
| Fine gray sand, mica, layers clay, hardpan | 8 | 90 |
| Fine to medium coarse brown sand, grits | 17 | 107 |
| Sandy gray clay, layers very fine sand | 11 | 118 |
| Fine gray sand, grits, sandy and solid clay | 5 | 123 |
| Fine gray sand, some clay, mica | 6 | 129 |
| Fine to coarse brown sand, grits, some clay | 4 | 133 |
| Fine brown sand, mica | 5 | 138 |
| Fine to coarse brown sand, grits, gravel, some clay | 3 | 141 |
| Multi-colored sandy clay, grits, gravel | 2 | 143 |
| Coarse brown sand, grits, gravel, some clay | 10 | 153 |
| Coarse brown sand, grits, gravel, sandy clay | 9 | 162 |
| Fine to coarse brown sand, grits, gravel, multi-colored clay | 1 | 163 |
| Solid multi-colored clay | 1 | 164 |
| Heavy stones imbedded in clay | 2 | 166 |

Casing: 18 inches.

Screen: 15 feet of 18 inch with bottom at 107 feet.

26 feet of 18 inch with bottom at 143 feet.

20 feet of 18 inch with bottom at 163 feet.

Pumping test:

| | | |
|---------------------------|------|-------|
| July 28, 1956. Duration : | 2 | hours |
| Static water level: | 50½ | feet |
| Drawdown: | 33 | feet |
| Yield: | 1200 | gpm |

N-5885. (B-5) O. H. Payne, northwest of Ocean Avenue and Longwood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., June 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------------------------|---------------------|-----------------|
| Top soil and dirty sand and gravel | 4 | 4 |
| Fine brown sand, dirty grits and gravel | 4 | 8 |
| Fine to medium gray-brown sand | 20 | 28 |
| Hard brown clay | 1 | 29 |
| Red-brown sand, mostly grit and gravel | 3 | 32 |
| Brown medium to coarse sand, fairly clean sand, grit and gravel | 11 | 43 |
| Light brown medium to coarse sand, lot of grit and gravel | 3 | 46 |

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 feet.

Pumping test:

| | | |
|--------------------------|----|-------|
| May 22, 1956. Duration : | 3 | hours |
| Static water level: | 17 | feet |
| Drawdown: | 5½ | feet |
| Yield: | 45 | gpm |

N-5886. (B-7) J. Nassau, south of Sunrise Highway and east of Hewlett Avenue, Merrick. Drilled by Eastern Well & Pump Co., May 24, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Top soil and fill | 3 | 3 |
| Sand, gray clay | 3 | 6 |
| Red-brown sand with gravel | 1 | 7 |
| Clean sand, grit, gravel | 1 | 8 |
| Dark brown sand, grit and gravel, coarse and sharp | 12 | 20 |
| Clean light brown sand, grit and gravel | 13 | 33 |
| Casing: 4 inches. | | |
| Screen: 5 feet of 4 inch with bottom at 35 feet. | | |
| Pumping test: | | |
| May 24, 1956. Duration: | 3 hours | |
| Static water level: | 8 feet | |
| Drawdown: | 5 feet | |
| Yield: | 40 gpm | |

N-5890. (C-8) Skat Realty Corporation, north of Hempstead Turnpike and west of Merritt Road, Farmingdale. Drilled by Eastern Well & Pump Co., July 24, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------|---------------------|-----------------|
| Fill | 10 | 10 |
| Light brown sand and gravel | 13 | 23 |
| Fine brown dirty sand, few grits | 26 | 49 |
| Fine light brown dirty sand, mica | 11 | 60 |
| Fine brown soupy sand, some mica | 30 | 90 |
| Fine brown soupy sand, few grits | 14 | 104 |
| Light brown fairly clean, fine to medium sand | 4 | 108 |
| Gray soupy sand | 7 | 115 |
| Dark brown soupy sand | 10 | 125 |
| Light brown sharp fine to medium sand, lot grits | 9 | 134 |
| Fine multi-colored sand, layer hardpan and mica | 2 | 136 |
| Casing: 6 inches. | | |
| Screen: 6 feet of 6 inch with bottom at 132 feet. | | |
| Pumping test: | | |
| July 24, 1956. Duration: | 3 hours | |
| Static water level: | 24 feet | |
| Drawdown: | 15 feet | |
| Yield: | 120 gpm | |

N-5891. (C-6) Knott Hotels Corporation (Garden City Hotel) north of 7th Avenue and west of Hilton Avenue, Garden City. Drilled by Eastern Well and Pump Co., June 12, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fill | 5 | 5 |
| Light brown sand, grits and gravel | 60 | 65 |
| Light brown sand, grits and small gravel | 21 | 86 |
| Clayey sand | 4 | 90 |
| Casing: 8 inches. | | |
| Screen: 15 feet of 6 inch, with bottom at 86 feet. | | |
| Pumping test: | | |
| June 12, 1956. Duration: | 2 hours | |
| Static water level: | 36 feet | |
| Drawdown: | 14 feet | |
| Yield: | 200 gpm | |

N-5895. (D-5) George Goldberg, 18 Deer Park Road, Kings Point. Drilled by S. J. Breen Co., Inc., August 24, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------|---------------------|-----------------|
| Clay and large stones | 13 | 13 |
| Coarse sand and gravel with clay | 22 | 35 |
| Soft brown clay | 10 | 45 |
| Hard gray clay with grit | 12 | 57 |
| Brown clay | 38 | 95 |
| Sandy clay and grit | 11 | 106 |
| Sandy gray clay | 11 | 117 |
| Gray clay and gravel | 4 | 121 |
| Sandy brown clay | 3 | 124 |
| Orange clay | 2 | 126 |
| Sand and gravel with clay | 14 | 140 |

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 140 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 24, 1956. Duration: | 6 hours |
| Static water level: | 55 feet |
| Drawdown: | 55 feet |
| Yield: | 55 gpm |

N-5897. (D-6) Sheridan Bowling Academy, south of Jericho Turnpike and east of Sheridan Boulevard, Mineola. Drilled by Eastern Well & Pump Co., June 4, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------------------------|---------------------|-----------------|
| Top soil and fill | 6 | 6 |
| Coarse hard light brown sand, grits, gravel and heavy stones | 49 | 55 |
| Clean coarse light brown sand, lots of grits | 13 | 68 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 68 feet.

Pumping test:

| | |
|-------------------------------|---------|
| May 31, 1956. Duration: | 2 hours |
| Static water level: | 47 feet |
| Drawdown: | 5½ feet |
| Yield: | 45 gpm |

N-5899. (D-7) Barclay Street Car Wash Inc., south of East Barclay Street and east of Hicksville Road, Hicksville. Drilled by T. Kalmuk, August 15, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------|---------------------|-----------------|
| Pit | 6 | 6 |
| Coarse brown sand, heavy gravel | 21 | 27 |
| Coarse brown sand | 24 | 51 |
| Brown medium coarse sand and large gravel | 40 | 91 |

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 91 feet.

Pumping test:

| | |
|---------------------------|---------|
| Duration: | 3 hours |
| Static water level: | 65 feet |
| Yield: | 70 gpm |

N-5900. (C-6) Hills Super Market, east of Woodfield Avenue and north of Eagle Avenue, Lakeview. Drilled by C. W. Lauman & Co., Inc., October 16, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Coarse brown sand | 9 | 12 |
| Coarse brown sand and gravel | 22 | 34 |
| Yellow-brown sand | 5 | 39 |
| Coarse dark brown sand and gravel | 6 | 45 |
| Fine brown sand | 7 | 52 |
| Coarse red sand, some gravel | 8 | 60 |
| Gray clay | 2 | 62 |

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 60 feet.

Pumping test:

| | |
|-----------------------------------|---------|
| October 15, 1956. Duration: | 4 hours |
| Static water level: | 9 feet |
| Drawdown: | 4 feet |
| Yield: | 80 gpm |

N-5901. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and west of Miller Place, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Heavy sand and gravel | 62 | 65 |
| Sand and gravel | 11 | 76 |
| Yellow clay and sand | 3 | 79 |
| Solid yellow clay | 10 | 89 |
| Yellow clay and fine sand | 2 | 91 |
| Red sand | 8 | 99 |
| Coarse sand and grits | 49 | 148 |

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 148 feet.

| | |
|---------------------------|---------|
| Static water level: | 90 feet |
| Yield: | 100 gpm |

N-5906. (B-6) Polytechnic Institute of Brooklyn, south of Atlantic Avenue and west of West End Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., June 27, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Black muck | 4 | 4 |
| Dirty coarse brown sand and gravel | 15 | 19 |
| Clean brown coarse sand, some gravel | 6 | 25 |
| Fine whitish-gray sand and small gravel | 2 | 27 |
| Very fine gray beach sand | 11 | 38 |
| Fine gray beach sand, lumps of clay | 2 | 40 |
| Fine gray sand, clay, some gravel | 10 | 50 |
| Coarse gray sand and clay | 2 | 52 |
| Fine dark gray beach sand | 2 | 54 |
| Fine gray beach sand | 4 | 58 |
| Fine whitish-gray beach sand | 4 | 62 |
| Fine gray beach sand, lumps of clay | 3 | 65 |
| Fine dark gray beach sand | 7 | 72 |
| Fine gray beach sand | 3 | 75 |

N-5906. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------|---------------------|-----------------|
| Fine dark gray beach sand | 5 | 80 |
| Coarse gray sand | 4 | 84 |
| Coarse sand with lignite | 6 | 90 |
| Very fine gray beach sand | 10 | 100 |
| Fine gray beach sand | 8 | 108 |
| Lignite and pyrite | 2 | 110 |
| Dark gray sand | 1 | 111 |

Casing: 6 inches.

Screen: 13 feet of 6 inch, with bottom at 86 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 25, 1956. Duration: | 8 hours |
| Static water level: | 2 feet |
| Drawdown: | 3 feet |
| Yield: | 30 gpm |

N-5908. (E-8) J. Russell, north of Tiffany Road and west of Rose Lane, Laurel Hollow.
Drilled by Fred Habenicht & Sons, January 2, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Pit | 8 | 8 |
| Sand, gravel | 51 | 59 |
| Yellow sand and some mica | 42 | 101 |
| Yellow sand, gravel | 29 | 130 |
| Yellow clay and sand mix | 10 | 140 |
| Coarse yellow sand and pebbles | 16 | 156 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 156 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| December 1, 1956. Duration: | 6 hours |
| Static water level: | 142 feet |
| Yield: | 12 gpm |

N-5912. (C-8) Demo Anselmi, south of Cherry Avenue and east of Broadway, Bethpage.
Drilled by C. W. Lauman & Co., Inc., June 26, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Loam | 2 | 3 |
| Coarse brown sand, gravel | 31 | 34 |
| Coarse brown sand, gravel, lumps clay | 44 | 78 |
| Medium brown sand, streaks sandy clay | 9 | 87 |
| Multi-colored sandy clay, streaks solid clay | 4 | 91 |
| Fine brown sand, mica | 6 | 97 |
| Fine brown sand, some clay, streaks sandy clay | 21 | 118 |
| Multi-colored sandy clay | 5 | 123 |
| Fine brown sand, mica, some clay | 5 | 128 |
| Multi-colored sandy clay, streaks fine brown sand, solid clay, hardpan | 10 | 138 |
| Fine brown sand, mica, some clay | 7 | 145 |
| Layers of fine multi-colored and sandy clay | 5 | 150 |
| Fine brown sand, mica, some clay, streaks solid clay | 11 | 161 |
| Fine brown sand, mica, some clay | 18 | 179 |

(Continued on next page)

N-5912. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------------------|---------------------|-----------------|
| Multi-colored sandy clay | 3 | 182 |
| Solid multi-colored clay, streaks sandy clay | 6 | 188 |
| Multi-colored sandy clay | 10 | 198 |
| Layers of fine multi-colored sand and sandy clay | 6 | 204 |
| Fine brown sand, mica, some clay | 10 | 214 |
| Fine brown sand, mica, some clay, streaks sandy clay | 3 | 217 |
| Solid gray clay | 10 | 227 |
| Gray sandy clay, lignite, streaks fine gray sand | 5 | 232 |
| Multi-colored sandy clay, streaks fine brown sand and solid clay | 5 | 237 |
| Fine brown sand, mica, some clay, streaks sandy clay | 11 | 248 |
| Fine brown sand, some clay, layers sandy clay, streaks solid clay | 6 | 254 |
| Solid gray clay, streaks sandy clay | 4 | 258 |
| Gray sandy clay, streaks solid clay | 6 | 264 |
| Fine gray sand, some clay, streaks solid clay | 11 | 275 |
| Solid gray clay, streaks fine gray sand | 5 | 280 |
| Fine brown sand, mica, some clay, streaks sandy clay | 5 | 285 |
| Fine brown sand, mica, some clay | 16 | 301 |
| Gray sandy clay, lignite, layers solid clay | 4 | 305 |
| Solid gray clay, streaks pyrite | 5 | 310 |
| Fine brown sand, some clay, streaks lignite | 6 | 316 |
| Solid gray clay | 4 | 320 |
| Fine brown sand, some clay | 5 | 325 |
| Fine brown sand, some clay, streaks lignite and sandy clay | 10 | 335 |
| Fine gray sand, streaks lignite and pyrite | 6 | 341 |
| Solid gray clay | | below 341 |

Casing: 6 and 3 inches.

Screen: 20 feet of 4 inch with bottom at 341 feet.

Pumping test:

| | |
|--------------------------------|---------|
| June 22, 1956. Duration: | 8 hours |
| Static water level: | 47 feet |
| Drawdown: | 4 feet |
| Yield: | 40 gpm |

N-5919. (B-6) Oceanside Properties Inc., southeast of Long Beach Road and Castleton Court, Oceanside. Drilled by Mathies Well & Pump Co., Inc., August 14, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------|---------------------|-----------------|
| Sand and gravel | 51 | 51 |

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 51 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 14, 1956. Duration: | 4 hours |
| Static water level: | 12 feet |
| Drawdown: | 15 feet |
| Yield: | 150 gpm |

N-5920. (C-6) Sharac Restaurant Inc., north of Fulton Avenue and east of Cathedral Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 10, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Basement | 8 | 8 |
| Medium to coarse brown sand and gravel | 30 | 38 |

N-5920. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------|---------------------|-----------------|
| Medium to coarse yellow-brown sand, few grits and gravel | 28 | 66 |
| Fine silty sand | 4 | 70 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 6 inch with bottom at 65 feet. | | |
| Pumping test: | | |
| Duration: | 3 hours | |
| Static water level: | 19 feet | |
| Drawdown: | 7 feet | |
| Yield: | 120 gpm | |

N-5929. (B-5) Department of Water Supply, Gas & Electricity, Sunrise Highway, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., August 13, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Sandy clay | 1 | 5 |
| Bog | 1 | 6 |
| Medium sand and grits | 2 | 8 |
| Fine to medium sand and grits | 29 | 37 |
| Fine sand and grits | 13 | 50 |
| Fine to coarse sand and grits | 4 | 54 |
| Clam shells and gray clay | 2 | 56 |
| Brown clay | 3 | 59 |
| Sandy gray clay | 11 | 70 |
| Brown and gray clay | 15 | 85 |
| Fine sandy brown clay | 7 | 92 |
| Sandy brown clay | 3 | 95 |
| Medium brown sand and clay | 4 | 99 |
| Fine to coarse sand, brown clay, gravel, large stones | 1 | 100 |
| Coarse sand, large stones, little white clay balls | 5 | 105 |
| Coarse sand, gravel, white clay balls | 3 | 108 |
| Coarse brown sand | 5 | 113 |
| Coarse sand and gravel | 3 | 116 |

Casing: 8 inches.

Screen: 13 feet of 8 inch with bottom at 116 feet.

Pumping test:

| | |
|---------------------------|---------|
| Duration: | 1 hour |
| Static water level: | 7 feet |
| Drawdown: | 14 feet |
| Yield: | 216 gpm |

N-5940. (D-5) David Gimpel, northeast of Sterling Road, Kings Point. Drilled by Sweeney & Gray Co., Inc., June 28, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------|---------------------|-----------------|
| Sandy clay | 18 | 18 |
| Blue clay | 17 | 35 |
| Sharp brown sand | 12 | 47 |
| Brown sand, gravel | 17 | 64 |
| Coarse brown sand and grits | 20 | 84 |

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 80 feet.

Pumping test:

| | |
|----------------------------------|---------|
| August 12, 1956. Duration: | 4 hours |
| Static water level: | flows |
| Drawdown: | 14 feet |
| Yield: | 45 gpm |

N-5946. (C-6) Nassau Recreation Realty Co., Inc., south of Mill Road and east of Alabama Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 6, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Coarse brown sand, grits and gravel | 22 | 30 |
| Yellowish-brown coarse sand, some grits | 19 | 49 |
| Same as above, but darker color | 4 | 53 |

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 52 feet.

Pumping test:

| | | |
|-------------------------------|----|-------|
| July 6, 1956. Duration: | 2 | hours |
| Static water level: | 19 | feet |
| Drawdown: | 5½ | feet |
| Yield: | 86 | gpm |

N-5947. (D-6) Albertson Water District, north of Marc Lee Drive and east of Stephen Lane, Albertson. Drilled by Layne-New York Co., Inc., June 17, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Sand, gravel | 11 | 11 |
| Hardpan, boulders | 21 | 32 |
| Brown sand, gravel | 17 | 49 |
| Brown clay | 3 | 52 |
| Blue clay | 38 | 90 |
| Brown sandy clay | 6 | 96 |
| Fine white sand, gravel | 14 | 110 |
| Streaks sand, clay, iron oxide | 9 | 119 |
| Gray-brown sand | 6 | 125 |
| White sand | 13 | 138 |
| Sandy clay and iron oxide | 2 | 140 |
| White clay | 11 | 151 |
| Fine muddy sand | 3 | 154 |
| Fine sand | 10 | 164 |
| Coarse sand | 13 | 177 |
| Multi-colored clay | 6 | 183 |
| Fine white sand | 7 | 190 |
| Coarse sand and gravel | 4 | 194 |
| Fine brown sand | 17 | 211 |
| Fine white sand | 5 | 216 |
| Blue clay | 10 | 226 |
| Coarse brown sand | 6 | 232 |
| Streaks white and fine sand | 15 | 247 |
| Coarse brown sand | 5 | 252 |
| Sandy clay | 1 | 253 |
| Gray medium sand | 11 | 264 |
| Streaks clay and gravel | 5 | 269 |
| Medium sand | 7 | 276 |
| Gray and brown clay | 5 | 281 |
| Fine white sand | 18 | 299 |
| Multi-colored clay | 2 | 301 |
| Gray sand | 18 | 319 |
| Sand and clay | 10 | 329 |
| Gray sand and gravel | 5 | 334 |
| Sand, gravel, clay, iron | 5 | 339 |
| Sandy clay | 3 | 342 |
| Gray sand | 7 | 355 |
| Sand and gravel (red) | 4 | 359 |

N-5947. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------|---------------------|-----------------|
| Multi-colored clay | 1 | 360 |
| Sand and gravel | 9 | 369 |
| Multi-colored clay | 7 | 376 |
| Blue clay | 4 | 380 |
| White sand and gravel showing of clay | 17 | 397 |
| White clay | 3 | 400 |
| Medium sand and large gravel | 11 | 411 |
| Multi-colored clay | 32 | 443 |
| Fine muddy sand, iron oxide | 4 | 447 |
| Multi-colored clay | 2 | 449 |
| Blue clay | 5 | 454 |

Casing: 30, 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 365 feet.

Pumping test:

| | |
|--------------------------------|----------|
| June 17, 1957. Duration: | 8 hours |
| Static water level: | 53 feet |
| Drawdown: | 35 feet |
| Yield: | 1200 gpm |

N-5960. (B-5) Patio Restaurant, south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Eastern Well & Pump Co., August 2, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------|---------------------|-----------------|
| Fill | 4 | 4 |
| Sandy green-gray clay | 2 | 6 |
| Fine brown sand | 2 | 8 |
| Coarse brown sand | 8 | 16 |
| Coarse brown sand, small grits | 4 | 20 |
| Clean light brown sand, some grits | 16 | 36 |

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 36 feet.

Pumping test:

| | |
|---------------------------------|---------|
| August 2, 1956. Duration: | 3 hours |
| Static water level: | 9 feet |
| Drawdown: | 6 feet |
| Yield: | 45 gpm |

N-5973. (C-8) Union Free School District No. 23, north of New York Avenue and west of Central Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., July 17, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Fill | 1 | 1 |
| Coarse sand and gravel | 47 | 48 |

Casing: 4 inches.

Screen: 9 feet of 3 $\frac{3}{4}$ inch with bottom at 48 feet.

Pumping test:

| | |
|--------------------------------|---------|
| July 17, 1956. Duration: | 2 hours |
| Static water level: | 8 feet |
| Drawdown: | 6 feet |
| Yield: | 80 gpm |

N-5989. (C-6) King Kullen Store, south of Village Avenue and east of Grand Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., January 4, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-----------------------------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel | 23 | 23 |
| Medium fine brown sand | 3 | 26 |
| Coarse brown sand and gravel | 5 | 31 |
| Medium fine brown sand | 5 | 36 |
| Coarse brown sand and gravel | 11 | 47 |
| Medium coarse sand, some stones | 6 | 53 |
| Fine-coarse sand | 5 | 58 |
| Brown fine to coarse sand, grits, some gravel | 8 | 66 |
| Fine-coarse sand, somewhat clayey | 2 | 68 |
| Gray sandy clay | 17 | 85 |
| Gray sand, some clay | 13 | 98 |
| Fine sand and gravel, clayey | 13 | 111 |
| Fine to coarse sand | 4 | 115 |
| Layers clay, light sand | 30 | 145 |

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 115 feet.

| | |
|---------------------------|---------|
| Static water level: | 10 feet |
| Yield: | 69 gpm |

N-5994. (E-6) Community Hospital of Glen Cove, north of Walnut Road and east of Dosoris Way, Glen Cove. Drilled by C. W. Lauman & Co., Inc., January 30, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Loam and gravel | 5 | 5 |
| Coarse sand and gravel | 10 | 15 |
| Coarse sand, gravel, small niggerheads | 10 | 25 |
| Coarse sand, small boulders | 17 | 42 |
| Coarse sand, gravel, large stones | 10 | 52 |
| Coarse brown sand and gravel | 53 | 105 |
| Fine sand and sandy clay | 3 | 108 |
| Multi-colored sandy clay, fine sand | 10 | 118 |
| Fine multi-colored sand, sandy clay | 6 | 124 |
| Fine multi-colored sand, sandy clay to coarse sand and grits | 5 | 129 |
| Coarse sand, some sandy clay | 5 | 134 |
| Coarse sand, small grits | 5 | 139 |
| Coarse sand, some gravel, streaks clay | 6 | 145 |
| Fine sand, multi-colored sandy clay | 6 | 151 |
| Solid clay, sandy clay, streaks coarse sand | 3 | 154 |
| Fine multi-colored sand, some streaks sandy clay | 5 | 159 |
| Solid clay, multi-colored sandy clay, fine sand | 6 | 165 |
| Sandy clay and small gravel | 14 | 179 |
| Brown sand and sandy clay and gravel | 4 | 183 |
| Multi-colored sand, gravel and solid clay | 6 | 189 |
| White sand, some clay, small grits | 5 | 194 |
| Fine white sand, some grits and sand | 5 | 199 |
| White sand, some sandy clay and gravel | 14 | 213 |
| Coarse brown sand, some grits | 7 | 220 |
| Coarse brown sand, gravel, some clay, streaks solid clay | 6 | 226 |
| Solid white clay, streaks sandy clay | 6 | 232 |
| Solid multi-colored clay | 10 | 242 |

Casing: 16 inches.

Screen: 10 feet of 12 inch with bottom at 183 feet.

26 feet of 12 inch with bottom at 226 feet.

N-5994. (*Continued*)

Pumping test:
August 22, 1956. Duration: 4 hours
Static water level: 73 feet
Drawdown: 25 feet
Yield: 1080 gpm

N-6003. (D-5) Village of Great Neck Estates, north of North Circle and east of Private Park Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., June 4, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Fine to medium brown sand, grits, gravel..... | 22 | 22 |
| Fine to coarse sand, grits, stones, clay | 5 | 27 |
| Fine to coarse sand, grits, stones, clay and boulders | 10 | 37 |
| Fine brown sand and mica | 3 | 40 |
| Fine to coarse brown sand, grits and gravel | 7 | 47 |
| Gray sand, boulders, lignite and pyrites | 27 | 74 |
| Red clay | 2 | 76 |
| Brown clay, gravel, pyrites | 1 | 77 |
| Fine brown sand and gravel | 1 | 78 |
| Gray sandy clay | 3 | 81 |
| Fine brown sand (boulders falling off wall) | 5 | 86 |
| Medium brown sand, grits, gravel, lumps of clay | 3 | 89 |
| Brown clay | 3 | 92 |

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 92 feet.

Pumping test:

June 4, 1957. Duration: 8 hours
Static water level: 6 feet
Yield: 108 gpm

Note: Replaces N-5296 due to water being undesirable for swimming pool use.

N-6004. (B-5) Mr. Van Vechten Burger, Polo Lane and Ocean Avenue, Lawrence. Drilled by Mathies Well & Pump Co., Inc., October 23, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Top soil | 3 | 3 |
| Sand and gravel | 7 | 10 |
| Fine sand, clay and gravel | 28 | 38 |
| Clay, clam shells, wood | 22 | 60 |
| Gravel and sand | 7 | 67 |

Casing: 4 inches.

Screen: 8½ feet of 4 inch, with bottom at 68 feet.

Pumping test:

September 13, 1956. Duration: 2 hours
Static water level: 8 feet
Yield: 45 gpm

N-6007. (D-7) Joe Andrews, south of Hopper Street and east of Main Street, New Cassel. Drilled by Ted Kalmuk, September 2, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------|---------------------|-----------------|
| Brown sand | 15 | 15 |

(Continued on next page)

N-6007. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------------------|---------------------|-----------------|
| Brown sand and grits | 25 | 40 |
| Very fine brown sand | 26 | 66 |
| Casing: 4 inches. | | |
| Screen: 4 feet of 3 $\frac{3}{4}$ inch with bottom at 66 feet. | | |
| Pumping test: | | |
| Duration: | 2 hours | |
| Yield: | 15 gpm | |

N-6034. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------|---------------------|-----------------|
| Fine brown and gray sand | 10 | 10 |
| Fine gray sand, lignite and mica | 40 | 50 |
| Fine gray sand, lignite, mica and clay | 5 | 55 |
| Brown sand and clay | 2 | 57 |
| Grits, gravel, boulders and brown clay | 7 | 64 |
| Fine to coarse sand, grits, gravel, large boulders | 11 | 75 |
| Heavy gravel, very large boulders, very little coarse sand | 19 | 94 |
| Loamy sand, silt and large boulders | 16 | 110 |
| Silty, loamy sand | 24 | 134 |
| Yellow clay, grits, sand | 65 | 199 |
| Yellow clay, grits and some gravel | 28 | 227 |
| Medium fine brown sand and grits | 3 | 230 |
| Medium fine brown sand, grits, some lumps clay | 6 | 236 |
| Grits and brown clay | 5 | 241 |
| Fine yellow sand | 5 | 246 |
| Fine to medium white sand | 8 | 254 |
| Fine brown sand | 8 | 262 |
| Medium fine gray sand | 10 | 272 |
| Medium fine brown sand | 5 | 277 |
| Fine brown sand and sandy clay | 5 | 282 |
| Lumps of multi-colored clay and fine brown sand | 7 | 289 |
| Fine gray sand and few lumps clay | 5 | 294 |
| Medium fine brown sand, some clay | 16 | 310 |
| Medium coarse brown sand, grits | 3 | 313 |

Casing: 16 inches.

Screen: 10 feet of 12 inch with bottom at 236 feet.

35 feet of 12 inch with bottom at 276 feet.

25 feet of 12 inch with bottom at 307 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| December 20, 1956. | Duration: | 8 hours |
| | Static water level: | 153 feet |
| | Drawdown: | 45 feet |
| | Yield: | 953 gpm |

N-6035. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Coarse brown sand, gravel | 10 | 10 |
| Coarse brown sand, gravel | 30 | 40 |
| Fine brown sand, mica | 5 | 45 |
| Fine brown sand, some clay | 10 | 55 |

N-6035. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Sand and clay | 10 | 65 |
| Streaks of sand and clay | 7 | 72 |
| Stones imbedded in hard gray clay | 1 | 73 |
| Coarse gray sand, large stones, some clay | 21 | 94 |
| Brownish gray clay, fine grits, layers silt | 23 | 117 |
| Fine white sand, silt, clay and hardpan | 47 | 164 |
| Hardpan and clay | 14 | 178 |
| Fine brown sand, some clay | 3 | 181 |
| Medium fine brown sand | 9 | 190 |
| Medium fine white sand | 2 | 192 |
| Medium fine white sand, mica | 14 | 206 |
| Medium fine white sand, hardpan | 3 | 209 |
| White clay and sand | 10 | 219 |
| Fine to coarse brown sand, pieces clay | 2 | 221 |
| White sandy clay | 8 | 229 |
| Fine white sand and pieces of clay | 5 | 234 |
| Medium coarse sand and lumps clay | 5 | 239 |
| Medium coarse gray sand, grits | 4 | 243 |
| Medium fine gray sand | 20 | 263 |
| Medium coarse gray sand and grits | 8 | 271 |
| Coarse gray sand and grits | 2 | 273 |
| White clay | 5 | 278 |
| Medium fine gray sand, lumps clay | 1 | 279 |
| Multi-colored clay | 4 | 283 |
| Coarse gray sand, grits, some gravel | 5 | 288 |
| Fine to coarse white sand | 5 | 293 |

Casing: 16 inches.

Screen: 17 feet of 12 inch with bottom at 210 feet.

44 feet of 12 inch with bottom at 274 feet.

10 feet of 12 inch with bottom at 294 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 11, 1957. Duration: | 8 hours |
| Static water level: | 137 feet |
| Drawdown: | 22 feet |
| Yield: | 1068 gpm |

N-6040. (C-6) Reeves Instrument Corporation, north of Zeckendorf Boulevard and east of East Gate Boulevard, Roosevelt Field. Drilled by Eastern Well & Pump Co., January 9, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------|---------------------|-----------------|
| Top soil and gray clay | 5 | 5 |
| Brown sand, grits and gravel | 8 | 13 |
| Coarse light brown sand, grits, gravel, stones | 4 | 17 |
| Medium to coarse brown sand | 30 | 47 |
| Fine yellow-brown clayey sand | 7 | 54 |
| Fine brown sand, lumps clay, hardpan | 29 | 83 |
| Fine gray clayey sand, hardpan | 34 | 117 |
| Fine gray clayey sand | 29 | 146 |
| Fine brown clayey sand, hardpan | 58 | 204 |
| Fine to medium brown clean sand | 6 | 210 |
| Brown medium sand, clay lumps | 5 | 215 |
| Fine brown soupy sand, micaceous | 57 | 272 |
| Fine to medium brown sand, clay lumps | 7 | 279 |
| Fine to medium sand and grits | 13 | 292 |
| Gray clay | 1 | 293 |
| Fine clayey sand and mica | 5 | 298 |

(Continued on next page)

N-6040. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------|---------------------|-----------------|
| Fine to medium gray sand, micaceous | 2 | 300 |
| Medium to coarse brown sand, lots grits | 18 | 318 |
| Fine gray silty sand, lots grits, micaceous | 7 | 325 |
| Casing: 12 inches. | | |
| Screen: 8 feet of 8 inch with bottom at 289 feet. | | |
| 14 feet of 8 inch with bottom at 318 feet. | | |
| Pumping test: | | |
| January 9, 1957. Duration: | 8 hours | |
| Static water level: | 15 feet | |
| Drawdown: | 52 feet | |
| Yield: | 465 gpm | |

N-6043. (B-7) Greater Seaford Shopping Center, Inc., north of Merrick Road and east of Kenora Place, Seaford. Drilled by Eastern Well & Pump Co., October 24, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Fill | 6 | 6 |
| Medium to coarse brown sand and grit | 33 | 39 |
| Fine to medium sand and coarse gravel | 7 | 46 |
| Dark gray clayey sand at | | 46 |
| Casing: 6 inches. | | |
| Screen: 9 feet of 4 inch with bottom at 46 feet. | | |
| Pumping test: | | |
| October 23, 1956. Duration: | 2 hours | |
| Static water level: | 8½ feet | |
| Drawdown: | 6¾ feet | |
| Yield: | 110 gpm | |

N-6044. (C-7) East Meadow Car Wash Inc., south of Hempstead Turnpike and west of Front Street, East Meadow. Drilled by Mathies Well & Pump Co., Inc., January 27, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------|---------------------|-----------------|
| Fill | 2 | 2 |
| Fine sand and heavy gravel | 9 | 11 |
| Sand and gravel | 35 | 46 |
| Coarse white sand | 11 | 57 |
| Casing: 4 inches. | | |
| Screen: 5 7/12 feet of 4 inch with bottom at 57 feet. | | |
| Pumping test: | | |
| November 6, 1956. Duration: | 2 hours | |
| Static water level: | 32 feet | |
| Yield: | 45 gpm | |

N-6045. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Road, Roosevelt Field. Drilled by C. W. Lauman & Co., Inc., April 5, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Coarse sand and gravel | 60 | 60 |
| Medium fine brown sand | 10 | 70 |
| Fine brown sand, mica | 15 | 85 |

N-6045. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|------------------------------------------------------------------|---------------------|-----------------|
| Dark gray clay | 30 | 115 |
| Lignite, pyrite—90%, fine sand 10% | 5 | 120 |
| Fine gray sand, mica, lumps multi-colored clay and hardpan | 20 | 140 |
| Fine gray sand, pieces clay and hardpan | 10 | 150 |
| Fine gray sand, mica and layers multi-colored clay | 10 | 160 |
| Fine gray sand, mica, pieces clay | 10 | 170 |
| Fine gray sand and some clay | 29 | 199 |
| Fine brown sand, hardpan | 10 | 209 |
| Fine brown sand, mica | 9 | 218 |
| Fine brown sand, lumps clay, hardpan | 10 | 228 |
| Fine brown sand, some clay | 10 | 238 |
| Fine brown sand, mica and some clay | 20 | 258 |
| Fine gray sand | 22 | 280 |
| Medium fine gray sand | 10 | 290 |
| Medium fine gray sand, mica | 10 | 300 |
| Fine to coarse sand, grits and mica | 4 | 304 |
| Fine sand, mica, multi-colored clay | 2 | 306 |
| Fine to medium gray sand, mica | 10 | 316 |
| Fine gray sand, mica | 12 | 328 |
| Fine to medium gray sand, mica, hardpan, pieces clay | 10 | 338 |

Casing: 16 inches.

Screen: 51 feet of 12 inch with bottom at 328 feet.

Pumping test:

| | | |
|--------------------|---------------------------|----------|
| December 26, 1956. | Duration: | 8 hours |
| | Static water level: | 27 feet |
| | Drawdown: | 18 feet |
| | Yield: | 1060 gpm |

N-6046. (C-6) Roosevelt Raceway, Inc., north of Meadowbrook Parkway, Westbury. Drilled by Layne-New York Co., Inc., December 10, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------------|---------------------|-----------------|
| Sand and gravel | 18 | 18 |
| Gray sand | 44 | 62 |
| Sandy clay | 5 | 67 |
| Fine white sand | 28 | 95 |
| Brown clay | 35 | 130 |
| Fine sand, some clay streaks | 50 | 180 |

Casing: 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 170 feet.

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| December 10, 1956. | Duration: | 4 hours |
| | Static water level: | 32 feet |
| | Drawdown: | 31 feet |
| | Yield: | 578 gpm |

N-6058. (C-6) Leon Frankel, south of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., October 28, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|------------------------------|---------------------|-----------------|
| Pit | 11 | 11 |
| Coarse sand and gravel | 34 | 45 |

(Continued on next page)

N-6058. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Finer sand and gravel | 37 | 82 |
| Gravel and yellow clay | 1 | 83 |
| Coarse sand and grits | 8 | 91 |
| Coarse sand, grits and brown clay | 14 | 105 |
| Yellow clay and fine sand | 15 | 120 |
| Black clay | 51 | 171 |
| Fine sand and chunks yellow clay | 3 | 174 |
| Lively yellow sand | 9 | 183 |
| Solid yellow clay | 2 | 185 |
| Gray clay | 4 | 189 |
| Fine sand and gray clay | 7 | 196 |
| Fine sand, brown and white clay | 17 | 213 |
| Yellow sand, chunks of white and yellow clay | 26 | 239 |
| Solid gray clay | 21 | 260 |
| Coarse sand, gray clay and grits | 19 | 279 |
| Gray clay and fine sand | 10 | 289 |
| Solid gray clay | 21 | 310 |
| Gray clay and fine sand | 8 | 318 |
| Coarse sand, no grits, no life | 1 | 319 |
| Coarse sand and grits (gray) | 6 | 325 |
| Coarse sand, some grits (yellow) | 11 | 336 |

Casing: 6 inches.

Screen : 12 feet of 6 inch with bottom at 334 feet.

Static water level: 34 feet
Yield: 80 gpm

N-6062. (B-8) Seaford Mar Marina, Inc., north of South Seamans Neck Road and west of Beacon Street, Seaford. Drilled by J. J. Wilson. January 11, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|-----------------------------------------------|---------------------|-----------------|
| Beach sand | 17 | 17 |
| Bog | 10 | 27 |
| Brown coarse sand and gravel | 27 | 54 |
| Gray clay | 10 | 64 |
| Gray coarse sand, some mica and lignite | 24 | 88 |

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 88 feet.

Pumping test:

January 10, 1957. Duration: 2 hours
Static water level: flows
Yield: 50 gpm

N-6063. (D-6) Fred De Matteis, north of I. U. Willets Road and east of Meadow Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., December 21, 1956

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Fill | 3 | 3 |
| Sand and gravel | 12 | 15 |
| Stones, clay and sand | 20 | 35 |
| Sand and gravel | 21 | 56 |
| Fine brown sand | 10 | 66 |
| Sand, gravel and stones | 19 | 85 |
| Fine brown sand | 8 | 93 |

N-6063. (*Continued*)

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 92 feet.

Pumping test:

| | | |
|--------------------|---------------------------|---------|
| November 26, 1956. | Duration: | 5 hours |
| | Static water level: | 63 feet |
| | Drawdown: | 2 feet |
| | Yield: | 12 gpm |

N-6069. (D-7) Hicksville Public Library, north of Second Street and east of Jerusalem Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., January 3, 1957.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------|---------------------|-----------------|
| Brown sand and coarse gravel ... | 89 | 89 |

Casing: 6 inches.

Screen: 10 feet of 6 inch, with bottom at 89 feet.

Pumping test:

| | | |
|------------------|---------------------------|---------|
| January 3, 1957. | Duration: | 2 hours |
| | Static water level: | 63 feet |
| | Drawdown: | 11 feet |
| | Yield: | 100 gpm |

N-6070. (C-7) Bernard Associates No. 2, southwest of Bellmore Avenue and Newbridge Road, North Bellmore. Drilled by Eastern Well & Pump Co., December 7, 1956.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------|---------------------|-----------------|
| Medium to coarse brown sand, gravel grit ... | 30 | 30 |

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 30 feet.

Pumping test:

| | | |
|-------------------|---------------------------|---------|
| December 7, 1956. | Duration: | 3 hours |
| | Static water level: | 2 feet |
| | Drawdown: | 5 feet |
| | Yield: | 70 gpm |

N-6071. (C-8) J. Nicholson (Poultry Farm), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

Log:

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------|---------------------|-----------------|
| Top soil, loam | 1 | 1 |
| Coarse brown sand and gravel | 30 | 31 |
| Medium brown sand, lumps of clay | 5 | 36 |
| Fine brown sand | 7 | 43 |
| Sand, streaks clay | 2 | 45 |
| Fine brown sand | 20 | 65 |
| Fine brown sand and clay | 21 | 86 |
| Medium fine dark brown sand | 10 | 96 |
| Coarse brown sand, some small grits | 5 | 101 |
| Fine reddish-brown sand | 1 | 102 |

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 102 feet.

| | |
|---------------------------|---------|
| Static water level: | 31 feet |
| Yield: | 30 gpm |

N-6073. (D-5) Dean Furniture Company, south of Union Turnpike and west of Cellar Avenue, Lake Success. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|-------------------------------------------------------------|---------------------|-----------------|
| Loam, gravel, large stones, boulders | 18 | 18 |
| Grayish-brown clay and stones | 10 | 28 |
| Hard gray clay | 8 | 36 |
| Brown sandy clay, gravel and stones | 27 | 63 |
| Medium coarse brown sand, grits and gravel | 32 | 95 |
| Yellowish medium coarse brown sand, grits and gravel | 11 | 106 |
| Fine light brown sand, lumps clay | 22 | 128 |
| Medium fine yellowish brown sand | 13 | 141 |
| Fine brown sand, heavy lumps clay | 33 | 161 |
| Medium fine light brown sand, little grits, some lumps clay | 18 | 179 |

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 105 feet.

Pumping test:

| | |
|------------------------------------|---------|
| December 20, 1956. Duration: | 3 hours |
| Static water level: | 69 feet |
| Drawdown: | 12 feet |
| Yield: | 200 gpm |

N-6074. (C-8) Parkmill Center, Inc., south of Carmens Road and west of Ritter Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Fill | 8 | 8 |
| Coarse brown sand and gravel | 55 | 63 |
| Coarse brown sand and some gravel | 12 | 75 |
| Fine brown hard-packed sand | 1 | 76 |
| Blue clay | 4 | 80 |
| Coarse gray sand | 3 | 83 |
| Fine hard-packed brown sand and small clay | 13 | 96 |
| Sharp gray sand, clay | 4 | 100 |

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 73 feet.

Pumping test:

| | |
|------------------------------------|---------|
| December 19, 1956. Duration: | 3 hours |
| Static water level: | 17 feet |
| Drawdown: | 10 feet |
| Yield: | 180 gpm |

N-6075. (B-5) Union Free School District No. 15 (Lawrence High School), north of Rockaway Road and east of Doughty Boulevard, Lawrence. Drilled by Mathies Well & Pump Co., Inc., May 8, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------|---------------------|-----------------|
| Brown-white fine sand | 15 | 15 |
| Fine gray sand | 5 | 20 |
| Brown sand and gravel | 11 | 31 |
| Brown fine sand | 5 | 36 |
| Gray clay | 18 | 54 |
| Fine gray sand with clay balls | 3 | 57 |
| Gray clay | 5 | 62 |

N-6075. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Fine gray sand | 9 | 71 |
| Fine gray soupy sand | 32 | 103 |
| Fine gray sand with grits | 8 | 111 |
| Casing: 6 inches. | | |
| Screen: 10 feet of 4 inch with bottom at 111 feet. | | |
| Pumping test: | | |
| March 1, 1957. Duration: | 8 hours | |
| Static water level: | 11 feet | |
| Drawdown: | 11 feet | |
| Yield: | 45 gpm | |

N-6076T. (D-8) Plainview Water District, south of Southern State Parkway and east of John Street, Plainview. Drilled by C. W. Lauman & Co., Inc., November 26, 1956.

| Log: | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------|---------------------|-----------------|
| Top soil and loam | 3 | 3 |
| Coarse brown sand, grit, gravel | 30 | 33 |
| Same as above, with lumps clay | 39 | 72 |
| Fine multi-colored sandy clay, streaks clay | 4 | 76 |
| Fine multi-colored sand | 5 | 81 |
| Fine multi-colored sandy clay | 6 | 87 |
| Fine multi-colored sand | 4 | 91 |
| Fine multi-colored sandy clay | 15 | 106 |
| Layers fine brown sand, sandy clay | 10 | 116 |
| Solid brown clay | 6 | 122 |
| Fine brown sand, streaks solid clay | 7 | 129 |
| Layers fine brown sand and sandy clay | 9 | 138 |
| Fine brown sand | 6 | 144 |
| Layers fine brown sand and sandy clay | 9 | 153 |
| Fine brown sand | 11 | 164 |
| Fine brown sand, streaks solid clay | 5 | 169 |
| Layers solid gray clay and sandy clay | 12 | 181 |
| Fine multi-colored sandy clay | 9 | 190 |
| Layers solid brown clay and sandy clay | 5 | 195 |
| Fine multi-colored sandy clay and mica | 6 | 201 |
| Fine brown sand, some clay | 5 | 206 |
| Fine multi-colored sandy clay and gray clay | 11 | 217 |
| Fine multi-colored sandy clay and mica | 5 | 222 |
| Multi-colored sandy clay, some solid clay | 4 | 226 |
| Multi-colored sandy clay | 5 | 231 |
| Layers fine brown sand, sandy clay and hardpan | 6 | 237 |
| Solid gray clay, some sandy clay | 5 | 242 |
| Fine brown sand | 6 | 248 |
| Fine brown sand, some sandy clay | 4 | 252 |
| Fine brown sand | 5 | 257 |
| Fine multi-colored sand, streaks clay, mica | 4 | 261 |
| Fine sand, streaks clay and sandy clay | 6 | 267 |
| Fine multi-colored sand, some sandy clay and mica | 9 | 276 |
| Fine sand, sandy clay, hardpan | 5 | 281 |
| Fine sand, streaks clay, mica, sandy clay | 6 | 287 |
| Solid gray clay, streaks sandy clay | 4 | 291 |
| Fine brown sand, some clay, mica | 24 | 316 |
| Very fine brown sand, some clay | 5 | 321 |
| Fine brown sand | 9 | 330 |
| Fine brown sand, streaks sandy clay | 6 | 336 |

(Continued on next page)

N-6076T. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|---------------------------------------------------------------|---------------------|-----------------|
| Fine brown sand | 5 | 341 |
| Fine brown sand, some clay, streaks sandy clay | 11 | 352 |
| Fine brown sand, streaks solid clay | 4 | 356 |
| Fine multi-colored sandy clay | 9 | 365 |
| Fine brown sand, streaks sandy and solid clay | 15 | 380 |
| Fine brown sand, sandy clay, some clay | 20 | 400 |
| Fine multi-colored sand | 10 | 410 |
| Brown sand, streaks sandy clay | 5 | 415 |
| Fine brown sandy clay, gray clay | 11 | 426 |
| Fine sandy clay, layers gray clay | 4 | 430 |
| Layers fine sand, sandy and solid clay | 6 | 436 |
| Gray clay, fine brown sand | 4 | 440 |
| Brown sand, reddish clay, some grits | 5 | 445 |
| Brown sand, small grits, some sandy clay | 6 | 451 |
| Solid gray clay, sandy clay, layers fine sand | 5 | 456 |
| Fine brown sand, some clay | 4 | 460 |
| Medium brown sand | 6 | 466 |
| Layers fine gray sand and sandy clay | 15 | 481 |
| Fine brown sand | 4 | 485 |
| Fine brown sand, streaks sandy clay | 6 | 491 |
| Medium coarse brown sand, some clay | 5 | 496 |
| Very fine brown sand, some clay | 4 | 500 |
| Very fine gray sand, streaks sandy clay | 7 | 507 |
| Solid multi-colored sandy clay | 8 | 515 |
| Layers solid gray clay and sandy clay | 11 | 526 |
| Fine red sand, streaks clay | 9 | 535 |
| Fine gray sandy clay | 6 | 541 |
| Fine multi-colored sandy clay | 5 | 546 |
| Multi-colored sandy clay, solid clay, fine sand | 5 | 551 |
| Multi-colored sandy and solid clay | 6 | 557 |
| Multi-colored sandy clay and fine sand | 4 | 561 |
| Medium coarse sand and sandy clay | 5 | 566 |
| Multi-colored sandy clay and medium sand | 4 | 570 |
| Multi-colored sandy clay, medium gravel (streaks) | 5 | 575 |
| Coarse brown sand and gravel, solid and sandy clay | 6 | 581 |
| Solid clay, multi-colored sandy clay | 5 | 586 |
| Solid clay, layers sandy clay, fine brown sand | 4 | 590 |
| Medium coarse brown sand, sandy clay | 5 | 595 |
| Large gravel, solid clay, sandy clay | 6 | 601 |
| Sandy, solid clay | 5 | 606 |
| Solid clay, multi-colored sand | 4 | 610 |
| Gray clay | 6 | 616 |
| Fine brown sand, some grit | 39 | 655 |
| Layers fine brown sand and sandy clay | 5 | 660 |
| Fine brown sand, streaks sandy clay | 6 | 666 |
| Very fine sand, some sandy clay | 4 | 670 |
| Multi-colored clay, some sandy clay and fine sand | 5 | 675 |
| Solid clay, sandy clay, layers multi-colored sandy clay | 6 | 681 |
| Solid red clay | 13 | 694 |

Note: Formation test hole only.

N-6089T. (D-5) Port Washington Water District, north of Bogart Avenue and east of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., December 20, 1956.

Log:

| | Thickness (feet) | Depth (feet) |
|-------------------------------|---------------------|-----------------|
| Sand and gravel | 20 | 20 |
| Clay streaks and gravel | 54 | 74 |

N-6089T. (*Continued*)

| | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Coarse sand | 11 | 85 |
| Clay and gravel (mixed) | 41 | 126 |
| Sandy clay | 21 | 147 |
| Clay, sandy streaks | 41 | 188 |
| Hard gray clay and sand | 57 | 245 |
| Hard clay | 32 | 277 |
| Sand, some white clay | 18 | 295 |
| Hard white clay | 3 | 298 |
| Sand, some white clay | 14 | 312 |
| Sand and clay streaks | 52 | 364 |
| Tough clay | 6 | 370 |
| Hard clay and sand streaks (reddish-brown) | 24 | 394 |
| Muddy red sand and clay | 52 | 446 |
| Clay red | 10 | 456 |

Casing: 8 inches.

Note: Formation test hole only.

N-6091. (E-7) J. Townsend, south of Harbor View Drive and west of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|--------------------------------|---------------------|-----------------|
| Loam, hardpan | 25 | 25 |
| Boulders | 3 | 28 |
| Brown hardpan | 7 | 35 |
| Brown sand, small gravel | 12 | 47 |
| Hardpan, light clay | 25 | 72 |
| Brown sand, coarse grits | 2 | 74 |
| Brown sandy clay | 2 | 76 |
| Coarse brown sand | 9 | 85 |
| Brown sandy clay | 3 | 88 |

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 85 feet.

Pumping test:

| | |
|-----------------------------------|----------|
| January 17, 1957. Duration: | 10 hours |
| Static water level: | 52 feet |
| Yield: | 10 gpm |

N-6095T. (E-5) Port Washington Water District, north of Sandy Hollow Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., January 4, 1957.

Log:

| | Thickness (feet) | Depth (feet) |
|---------------------------------------|---------------------|-----------------|
| Sand and gravel | 170 | 170 |
| Gray clay | 3 | 173 |
| Sand and gravel | 10 | 183 |
| Gray clay | 2 | 185 |
| Sand and gravel | 3 | 188 |
| Clay | 19 | 207 |
| Fine sand, some clay and gravel | 31 | 238 |
| Clay | 2 | 240 |
| Sand and gravel | 4 | 244 |
| Black clay | 135 | 379 |
| Sand and gravel | 22 | 401 |
| Hard clay | 14 | 415 |

Casing: 7 inches.

Note: Formation test hole only.

N-6099. (C-6) Sawyer & Dolfinger, south of Claurome Place and west of North Main Street, Freeport. Drilled by Mathies Well & Pump Co., Inc., February 7, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|--------------------------------------------------|---------------------|-----------------|
| Brown sand and coarse gravel | 37 | 37 |
| Casing: 4 inches. | | |
| Screen: 8 feet of 4 inch with bottom at 37 feet. | | |
| Pumping test: | | |
| February 6, 1957. Duration: | 2 hours | |
| Static water level: | 2 feet | |
| Yield: | 75 gpm | |

Note: All measurements from basement floor.

N-6100. (D-7) Meadowbrook National Bank, west of Jerusalem Avenue and south of Newbridge Road, Hicksville. Drilled by Mathies Well & Pump Co., Inc., June 11, 1957.

| Log: | Thickness (feet) | Depth (feet) |
|----------------------------------------------------|---------------------|-----------------|
| Top soil | 1 | 1 |
| Coarse brown sand, some gravel | 25 | 26 |
| Brown sand and gravel | 69 | 95 |
| Brown sand, some gravel | 3 | 98 |
| Brown sand, grits, some gravel | 7 | 105 |
| Casing: 6 inches. | | |
| Screen: 13 feet of 4 inch with bottom at 105 feet. | | |
| Pumping test: | | |
| June 11, 1957. Duration: | 8 hours | |
| Static water level: | 61 feet | |
| Drawdown: | 16 feet | |
| Yield: | 120 gpm | |

INDEX OF WELLS BY OWNERS

| Owner | Well No. | Owner | Well No. |
|-------------------------------------------------------------------------------|-------------|--------------------------------------------------|-------------|
| A. M. A. Corporation | N 3581 | Bartender's Local No. 165 | N 5758 |
| Abel, Werner | N 4428 | Batz, George M. | N 3827 |
| Abeles, Milton, Inc. | N 3853 | Beaver Dam Sports Club | N 5672 |
| Adler, B. | N 5072 | Bellmore Construction Corp. | N 3682 |
| Aibel, Herman | N 5075 | Bernard Associates No. 2 | N 6070 |
| Alaric Realty Corp. (Wedemeyer Bldg.) | N 2134 | Bernard Construction Co. | N 4098 |
| Alban, Mr. and Mrs. Charles | N 5020 | Bernstein, J. | N 4258 |
| Albertson Water District | N 3733 | Bethpage Water District | N 3876 |
| Albertson Water District | N 4327 | Bethpage Water District | N 4063 |
| Albertson Water District | N 5947 | Bethpage Water District | N 4146 |
| Allen, A. | N 4154 | Beth Sholom Congregation | N 4228 |
| Allen Manufacturing Co. | N 3991 | Big Ben Food Market | N 4341 |
| Altman, B and Co. | N 4417T | Bildner Big Ben Corp. (Lynbrook) | N 3594 |
| Andrews, Joseph | N 6007 | Bildner Big Ben Corp. (Valley Stream) | N 3833 |
| Anselmi, Demo | N 5912 | Bildner Big Ben Corp. (Plainedge) | N 4385 |
| Apostolic Church | N 5624 | Bing Realty Corp. | N 3669 |
| Approved Sand & Stone Co. (Hicksville) | N 4431 | Black, Walter J., Inc. | N 4332 |
| Approved Sand & Stone Co. (Preferred Sand & Stone Co.—Hicksville) | N 5332 | Blue Spruce Inn | N 4409 |
| Argo Theatre | N 3192 | Blum Estate | N 2566 |
| Associated Food Stores (Valley Stream) | N 3681 | Bogart, Robert W. | N 4301 |
| Associated Food Stores (Rockville Centre) | N 4267 | Bohack, H. C., Co., Inc. (Elmont) | N 2360 |
| Associated Food Stores (Hewlett) | N 4269 | Bohack, H. C., Co., Inc. (Levittown) | N 3190 |
| Associated Food Stores (East Norwich) | N 5456 | Bohack, H. C., Co., Inc. (Freeport) | N 3640 |
| Aurora Plastics | N 4384 | Bohack, H. C., Co., Inc. (Old Westbury) | N 3667 |
| Austern, Emanuel | N 4323 | Bohack, H. C., Co., Inc. (Seaford) | N 3824 |
| Baker, George F., Jr. | N 2241 | Bohack, H. C., Co., Inc. (Cedarhurst) | N 3979 |
| Baldwin Boat Basin | N 2411 | Bohack, H. C., Co., Inc. (Hicksville) | N 4050 |
| Balmfalk, F. | N 5115 | | |
| Barclay Street Car Wash, Inc.... | N 5899 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
|---------------------------------------------------|----------|-----------------------------------------------------------|----------|
| Bohack, H. C., Co., Inc. (Hempstead) | N 4134 | Coca-Cola Bottling Company..... | N 3925 |
| Bohack, H. C., Co., Inc. (Valley Stream) | N 5583 | Cohen, Joseph H. | N 4218 |
| Boos, Jacob, Jr. | N 2610 | Cohen, Philip & Sons | N 4210 |
| Borden Co. | N 3887 | Colonial Sand & Stone Co. (Garden City Park) | N 2584 |
| Botsch, Henry | N 2188 | Colonial Sand & Stone Co. (Port Washington) | N 3311 |
| Brilhrdt, Arnold, Ltd. | N 2230 | Colonial Sand & Stone Co. (Port Washington) | N 4125 |
| Bring, A. | N 3653 | Congregation Sons of Israel | N 4257 |
| Brokaw, C. V. | N 5188 | Consolidated Lithographing Corp. | N 3649T |
| Brooks, Mrs. A. C. | N 5433 | Corte's Restaurant | N 4176 |
| Brownstein, Sidney M. | N 5280 | County Line Shopping Center.... | N 5349 |
| Butler, Sidney G. M. | N 4014 | Covell Associates Co. | N 5685 |
| Butterwick, George | N 2186 | Cove Theatre | N 2847 |
| Calderone-Mineola Theatre Corp. | N 2399 | Crestwood Dairy Inc. | N 5593 |
| Calderone Theatre | N 3150 | Dans Supreme Super Market, Inc. | N 4233 |
| Carle Place Water District | N 2747 | Davidson, Ellis | N 4507 |
| Carle Place Water District | N 4206 | Davis, Arthur | N 3982 |
| Cassullo, J. L. | N 2924 | Dean Furniture Co. | N 6073 |
| Catapano, Michael | N 2240 | Deepdale, Inc. | N 5535 |
| Central Avenue Corp. | N 3775 | De Matteis | N 6063 |
| Central Park Water District..... | N 3142 | Demeo, Inc. | N 3855 |
| Central Park Water District..... | N 3428T | De Meo, Albert M. (Garden City) | N 5023 |
| Certified Redi-Mix Co., Inc..... | N 5335 | Dickerman, Mrs. Florence E., Estate | N 2306 |
| Certified Redi-Mix Co., Inc..... | N 5901 | Di Girolamo, M. | N 5765 |
| Cirenzia Inc. | N 3469 | Doctors Hospital | N 4815 |
| Citizens Water-Supply Company of Newtown | N 2214 | Dogwood Realty (Bohack Store) | N 5409 |
| Citizens Water-Supply Company of Newtown | N 3443 | Donnelly, D. | N 5434 |
| Citizens Water-Supply Company of Newtown | N 4388 | Dyckman Laundry, Inc. | N 4432 |
| Citizens Water-Supply Company of Newtown | N 5884 | E. D. J. Realty Corp. (Massa- pequa Park Market) | N 4038 |
| Clausen, Ralph | N 3981 | Eagle Construction Co. | N 3912 |
| Clurman, Will | N 3246 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
|---------------------------------------------------|-------------|---------------------------------------------------------|-------------|
| East Coast Lumber Co. | N 3750T | Food Fair Stores, Inc. (Plainview) | N 5126 |
| East Meadow Car Wash, Inc.... | N 6044 | Fourtown Realty Corp. (Freeport Theatre) | N 2215 |
| East Meadow Water District .. | N 4448 | Frankel, Abraham | N 5131 |
| East Meadow Water District .. | N 5319 | Frankel, Leon | N 6058 |
| East Meadow Water District .. | N 5322 | Franklin National Bank, The (Franklin Square) | N 5643 |
| Elsinger, Herbert | N 5031 | Franklin National Bank, The (Farmingdale) | N 5750 |
| Empress Diners, Inc. | N 4789 | Franklin National Bank, The (Rockville Centre) | N 5853 |
| Engel, Joseph | N 3976 | Franklin Shops, Inc. | N 4452 |
| Ernwein, Harry | N 4199 | Franklin Square Department Store | N 3820 |
| Fairchild Camera & Instrument Corp. | N 3838 | Franklin Square National Bank.. | N 2259 |
| Fairchild Camera & Instrument Corp. | N 3860 | Franklin Square Water District | N 3603 |
| Fairlanes, The, Inc. | N 4640 | Franklin Square Water District | N 3605 |
| Farmingdale Federal Loan & Savings | N 3990 | Fraser, Mrs. R. W. | N 4424 |
| Feger, William G. | N 2203 | Fraser, T. M. | N 2567 |
| Feldman, Murry | N 5122 | Freeport, Village of | N 5695 |
| Ferrels, W. | N 4078 | Freeport, Village of | N 5696 |
| Fifth Avenue Shopping Center .. | N 6034 | Fromkin, Harold | N 3637 |
| Fifth Avenue Shopping Center .. | N 6035 | Frostland | N 4201 |
| Fireproof Realty Corp. | N 5757 | Garden City, Incorporated Village of | N 3881 |
| First Federal Savings & Loan Association | N 4153 | Garden City, Incorporated Village of | N 3934 |
| Fish, Raymond G. | N 2462 | Garden City, Incorporated Village of | N 5163 |
| Fishman, Edward | N 2596 | Garden City Company, The (Martin's Store) | N 3747 |
| Fluewellen, Lester | N 4053 | Garden City Company, The (Lord & Taylor) | N 5582 |
| Food Fair Stores, Inc. (Levittown) | N 3674 | Garden City Company, The (Gristedes) | N 5700 |
| Food Fair Stores, Inc. (New Hyde Park) | N 3756 | Garden City Medical Building | N 5143 |
| Food Fair Stores, Inc. (Bethpage) | N 3799 | Garden City Park Water District | N 2565 |
| Food Fair Stores, Inc. (Franklin Square) | N 3800 | | |
| Food Fair Stores, Inc. (Great Neck) | N 3801 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
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| Garden City Park Water District | N 3672 | Great Neck Saw Co. | N 4772 |
| Gaudiosi, Frank | N 3242 | Great Neck Sewer District | N 5650 |
| Gavin, Mrs. Michael | N 3830 | Greenbaum, Henry | N 4054 |
| General Bronze Corp. | N 2418 | Griggs, Miss Mary L. | N 4376 |
| Geon International Corp. | N 5074 | Gruenstein, F. | N 5135 |
| Geracci, J. | N 4175 | Grumman Aircraft | N 5305 |
| Geralamo, John | N 3760 | Grumman Aircraft | N 5306 |
| Giles, Anthony D. & Sons..... | N 5353 | Guild Machinery Inc. | N 4072 |
| Gimpel, David | N 5940 | H. O. Penn Machinery | N 4410 |
| Glen Cove, City of | N 5686 | Hadden, Mrs. Joanna | N 4593 |
| Glen Cove, Community Hospital of | N 5994 | Halgren, Dr. C. C. | N 3350 |
| Glen Head Country Club | N 2616 | Harges, Michael | N 4460 |
| Glen Oaks Club, Inc. | N 2576 | Harris, P. | N 2421 |
| Goldberg, George | N 5895 | Health Insurance Plan of Greater New York | N 5663 |
| Goldberger, Charles | N 4542 | Hempstead, Town of | N 3570 |
| Gonsale Plating Co. | N 5397 | Hempstead, Incorporated Village of | N 3668 |
| Good Humor Corp. | N 4576 | Hempstead, Incorporated Village of | N 4425 |
| Grand Union Co., The (Levittown) | N 3547 | Hempstead Division Construction Corp. (Penney Store) | N 3610 |
| Grand Union Co., The (Great Neck) | N 5542 | Hempstead General Hospital | N 5457 |
| Grand Union Stores (Mineola).... | N 4426 | Hempstead-Hempstead Gardens Water District | N 5260 |
| Grand Union Stores (Rockville Centre) | N 4558 | Hempstead High School | N 4126 |
| Grand Union Stores (Manhasset) | N 4596 | Hempstead Medical Arts Corp.... | N 4406 |
| Grand Union Stores (Levittown) | N 4598 | Hempstead Memorial Chapel, Inc. | N 4471 |
| Grand Union Stores (Port Washington) | N 4695 | Hendrickson, Freeman | N 4582 |
| Grant, W. T. & Co. | N 4314 | Henry's | N 3993 |
| Great Atlantic & Pacific Tea Co., The | N 2615 | Hicksville Public Library | N 6069 |
| Greater Seaford Shopping Center, Inc. | N 6043 | Hicksville Water District | N 3488 |
| Great Neck Estates, Village of | N 6003 | Hicksville Water District | N 3552 |
| | | Hicksville Water District | N 3553 |
| | | Hicksville Water District | N 3877T |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
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| Hicksville Water District | N 3878T | Jamaica Water Supply Co. (Elmont) | N 5076T |
| Hicksville Water District | N 5336 | Jamaica Water Supply Co. (Elmont) | N 5155 |
| Hills Super Markets, Inc. (Farmingdale) | N 4464 | Jamaica Water Supply Co. (Elmont) | N 5156 |
| Hills Super Markets, Inc. (Seaford) | N 5158 | Jamison Plastics | N 4300 |
| Hills Super Markets, Inc. (Albertson) | N 5208 | Jarco Metal Products Corp. | N 4382 |
| Hills Super Markets, Inc. (Lakeview) | N 5900 | Jasco Aluminum Products Corp. | N 4151 |
| Hofstra College | N 3534 | Jenkins | N 5620 |
| Homelike Laundry | N 3875 | Jericho Water District (Wheatley) | N 3444T |
| Horst, H. | N 2192 | Jericho Water District (Wheatley) | N 3474 |
| Hunter Douglas Corp. | N 2227 | Jericho Water District (Locust Grove) | N 4133 |
| Imperatti, Alfred | N 3879 | Jericho Water District (Jericho) | N 4245 |
| Inwood Country Club | N 5334 | Jericho Water District (Jericho) | N 4246 |
| Iselin, Oliver H. | N 3535 | Jericho Water District (Glen Head) | N 5201 |
| Island Trees Corp. | N 2582 | Jerusalem Avenue Taxpayer, Inc. | N 4079 |
| Israel Community Center | N 4225 | Jessup, Dr. E. C. | N 3744 |
| Iviersen, Sverre | N 2921 | Joe Dee's | N 4193 |
| Jacobs, Samuel | N 5797 | Joseph, Charles | N 2532 |
| Jalonack, Irving | N 3386 | K. B. K. Properties | N 5430 |
| Jalonack, Irwin | N 3944 | Kahn, E. A., Estate | N 4016 |
| Jamaica Sash & Door Co. | N 4074 | Kahn, M. | N 3826 |
| Jamaica Water Supply Co. (Elmont) | N 2413 | Kahr, C. E., Estate | N 2358 |
| Jamaica Water Supply Co. (Franklin Square) | N 3720 | Kassover, Julius | N 4104 |
| Jamaica Water Supply Co. (Floral Park) | N 4077 | Katz, Harry, Floor Coverings, Inc. | N 5197 |
| Jamaica Water Supply Co. (Franklin Square) | N 4120T | Kaufman, Walter | N 3565 |
| Jamaica Water Supply Co. (Floral Park) | N 4298 | Keen Shopping Center | N 4138 |
| Jamaica Water Supply Co. (New Hyde Park) | N 4390 | Keiserwetter, R. | N 2180 |
| Jamaica Water Supply Co. (North Valley Stream) | N 4512 | Kellgren, K. J. & M. Hewett..... | N 4408 |

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| Kennedy, David | N 2560 | Levitt Residence | N 5058 |
| Keystone Yacht Club | N 3411 | Levitt & Sons, Inc. (Levittown) | N 2791 |
| King Kullen Grocery Co., Inc. (New Hyde Park) | N 3736 | Levitt & Sons, Inc. (Albertson) | N 3538 |
| King Kullen Grocery Co., Inc. (East Meadow) | N 4044 | Levitt & Sons, Inc. (Hicksville) | N 3582 |
| King Kullen Grocery Co., Inc. (Mineola) | N 4144 | Levitt & Sons, Inc. (Levittown) | N 3584 |
| King Kullen Grocery Co., Inc. (Plainview) | N 5026 | Levitt & Sons, Inc. (Levittown) | N 3618 |
| King Kullen Grocery Co., Inc. (Baldwin) | N 5989 | Levitt & Sons, Inc. (Hempstead) | N 3634 |
| Klein | N 5171 | Levitt & Sons, Inc. (Roslyn) | N 4215 |
| Klein, Morris | N 5061 | Levittown Water District | N 4450 |
| Clonsky, A. | N 4142 | Levittown Water District | N 4451 |
| Knabbe, Henry | N 4262 | Levittown Water District | N 5302 |
| Knott Hotels Corporation (Garden City Hotel) | N 5891 | Levittown Water District | N 5304 |
| Koenig's Restaurant | N 4577 | Liberty Products Corp. | N 3923T |
| Kohler Brothers | N 3568 | Lido-Point Lookout Water District | N 5227 |
| Kohn, Maurice | N 5130 | Lido Theatre | N 3529 |
| Kollsman Instrumenet Co. | N 5677 | Linaco Building Corp. | N 3906 |
| Korvette Westbury, Inc. | N 5664 | Linaco Building Corp. | N 3907 |
| Kosel Brothers | N 2464 | Locust Grove Conduit Corp. | N 3569 |
| Koshansky, Steve | N 2619 | Locust Valley Water District | N 5152 |
| Krown Realty | N 4693 | Long Beach, City of | N 2597 |
| Kuttner, Sam | N 4229 | Long Beach, City of | N 3448 |
| Laboratory Furniture Co., Inc. | N 3758 | Long Beach, City of | N 3687 |
| La Grega Realty Corp. | N 4383 | Long Beach, City of | N 5308 |
| Lakeville Professional Bldg., Inc. | N 5144 | Long Island Community Play- houses, Inc. | N 3482 |
| Lauman, C. W. & Co., Inc. | N 5421 | Long Island Home, Ltd. | N 2639 |
| Lazarus, S. R. | N 2488 | Long Island Lighting Co. (Glenwood Landing) | N 2424 |
| Leider Shop Park, Inc. (Sears Roebuck Store) | N 4221 | Long Island Lighting Co. (Hicksville) | N 3898 |
| Levinson, Herman | N 4015 | Long Island Lighting Co. (Mineola) | N 4178 |
| Levitt & Sons (County Com- munity Corp.) | N 3312 | Long Island Lighting Co. (Hicksville) | N 5149 |
| | | Long Island State Park Commission | N 5129 |

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| Long Island Water Corp. (Lakeview) | N 3520 | Manhasset-Lakeville Water Dis- trict (Manhasset-Lakeville) | N 5110T |
| Long Island Water Corp. (Valley Stream) | N 3781 | Manhasset-Lakeville Water Dis- trict (Manhasset) | N 5528 |
| Long Island Water Corp. (Roosevelt) | N 3832 | Manhasset-Lakeville Water Dis- trict (Manhasset) | N 5710 |
| Long Island Water Corp. (Malverne) | N 3937 | Marino, S. | N 5069 |
| Long Island Water Corp. (Baldwin) | N 4132 | Mar-Lin Management Corp. | N 3977 |
| Long Island Water Corp. (Lynbrook) | N 4393 | Marmorale, Frank | N 4440 |
| Long Island Water Corp. (Malverne) | N 4394 | Massapequa Fire District | N 4018 |
| Long Island Water Corp. (Atlantic Beach) | N 4405 | Massapequa Market, Inc. | N 4271 |
| Long Island Water Corp. (Lynbrook) | N 4411 | Massapequa Water District | N 4401T |
| Long Island Water Corp. (Lynbrook) | N 5121 | Massapequa Water District | N 5703 |
| Long Island Water Corp. (Valley Stream) | N 5145 | Mautner, R. S. | N 3245 |
| Long Island Water Corp. (Roosevelt) | N 5187 | Mays Department Store | N 5300 |
| Long Island Water Corp. (South Hempstead) | N 5653 | McGregor, R. R. | N 5776 |
| Long Island Water Corp. (Lakeview) | N 5656 | Meadowbrook Bank | N 5746 |
| Lynbrook Estates, Inc. (Medical Center) | N 3741 | Meadowbrook Club | N 4633 |
| Magaliff, Sheldon | N 5369 | Meadowbrook National Bank (Wantagh) | N 4086 |
| Mallow Food Corp. (Associated Food Stores) | N 4127 | Meadowbrook National Bank (Hicksville) | N 6100 |
| Manda Realty Co., Inc. | N 4678 | Meadowbrook National Bank of Freeport | N 4430 |
| Manhasset-Lakeville Water Dis- trict (Manhasset) | N 3523 | Meiselam, Samuel | N 4579 |
| Manhasset-Lakeville Water Dis- trict (Lake Success) | N 3905 | Mercy Hospital Association..... | N 5030 |
| Manhasset-Lakeville Water Dis- trict (Lake Success) | N 4243 | Merrick Holding Corp. (Food Fair Store) | N 4109 |

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| Miles, Joseph | N 5079 | New Williston Masonic Club | N 5287 |
| Miller Brothers | N 2260 | New York City—Dept. of Water Supply, Gas and Electricity | N 5575 |
| Milleridge Inn | N 4548 | New York City—Dept. of Water Supply, Gas and Electricity | N 5803 |
| Mineola, Village of | N 3185 | New York City—Dept. of Water Supply, Gas and Electricity | N 5929 |
| Mineola, Village of | N 4082 | New York State—Conservation Dept. | N 2409 |
| Mockavitz, P. | N 4129 | New York Telephone Co. | N 3314 |
| Molla Furniture Co. | N 3515 | New York Telephone Co. | N 3504 |
| Monaco Surf Club (Harry Firester) | N 5233 | New York Telephone Co. | N 3685 |
| Moulding, R. C. Co. | N 4436 | New York Water Service Corp. (Merrick) | N 2577 |
| Murnane, George E. | N 3796 | New York Water Service Corp. (Merrick) | N 3360T |
| Nahas Rug Co. | N 5008 | New York Water Service Corp. (Merrick) | N 3437 |
| Nassau Country Club | N 5071 | New York Water Service Corp. (Glen Cove) | N 3466 |
| Nassau County (Bay Park) | N 2790 | New York Water Service Corp. (Wantagh) | N 3680 |
| Nassau County (Nassau County Park) | N 2923 | New York Water Service Corp. (North Wantagh) | N 3780 |
| Nassau County (Nassau County Park) | N 3129 | New York Water Service Corp. (Glen Cove) | N 3892 |
| Nassau County Dept. of Public Works (Port Washington).. | N 2635 | New York Water Service Corp. (North Wantagh) | N 3893 |
| Nassau County Dept. of Public Works (Bethpage) | N 3554 | New York Water Service Corp. (North Merrick) | N 3894 |
| Nassau County Dept. of Public Works (East Meadow) | N 3802 | New York Water Service Corp. (Wantagh) | N 4461 |
| Nassau County Dept. of Public Works (East Meadow) | N 5667 | New York Water Service Corp. (North Bellmore) | N 5259 |
| Nassau County Park | N 5451 | New York Water Service Corp. (Glen Cove) | N 5261 |
| Nassau Hebrew Congregation of Rockville Centre | N 4483 | New York Water Service Corp. (Glen Cove) | N 5762 |
| Nassau Manor Corp. | N 5429 | New York Water Service Corp. (Wantagh) | N 5767 |
| Nassau Recreation Realty Co., Inc. | N 5946 | | |
| Nasso, J. | N 5886 | | |
| New Cassel Blouse Co. | N 4180 | | |
| Newman, Irving | N 5749 | | |
| Newsday, Inc. | N 5725 | | |

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| New York Water Service Corp. (Massapequa) | N 5848 | Plainview Water District | N 4097 |
| Nichols, Acosta | N 3930 | Plainview Water District | N 6076T |
| Nicholson, J. Poultry Farm | N 6071 | Plandome, Village of | N 3521T |
| North Hempstead Country Club | N 3742 | Plandome, Village of | N 3540 |
| North Shore Country Club | N 4462 | Polytechnic Institute of Brooklyn | N 5906 |
| North Shore Hospital | N 3954 | Port Washington Water District | N 4223 |
| North Shore Sand Corp. | N 5595 | Port Washington Water District | N 4859 |
| Nunes, Leo G. | N 4511 | Port Washington Water District | N 4860 |
| Oberle, Emil | N 4012 | Port Washington Water District | N 5209 |
| Oceanside Properties, Inc. | N 5919 | Port Washington Water District | N 5210 |
| Olton Realty Corp. | N 4214 | Port Washington Water District | N 5228 |
| Oyster Bay, Town of | N 3498 | Port Washington Water District | N 5876 |
| Oyster Bay, Town of | N 5705 | Port Washington Water District | N 6089T |
| Oyster Bay Water District..... | N 3486 | Port Washington Water District | N 6095T |
| Oyster Bay Water District..... | N 3561 | Pospl, Pauline | N 3619 |
| Oyster Bay Water District..... | N 4136 | Powell, J. T. Professional Bldg. | N 5627 |
| Oyster Bay Water District..... | N 4137 | Pratt, Sherman | N 2135 |
| Oyster Bay Water District..... | N 4400T | Praver, Arnold | N 3740 |
| Paerdegat Amusement Corp. (Alan Theatre) | N 2219 | Praver, Sam | N 4754 |
| Parkmill Center, Inc. | N 6074 | Raceway Diner | N 4182 |
| Park Theatre | N 3182 | Rains, H. H. | N 5608 |
| Patio Restaurant | N 5960 | Redvanly Men's Shop | N 4807 |
| Payne, O. H. | N 5885 | Reeves Instrument Corp. | N 6040 |
| Pearl, S. Manuel | N 3913 | Rivoli Theatre | N 3632 |
| Peninsula Laundry | N 3734 | Roberts, Daniel | N 3631 |
| Penn Stevedoring Corp. | N 3458 | Rockike, Mr. & Mrs. | N 5634 |
| Perfectoloid Co., The | N 2226 | Rockpro Corp. | N 5038 |
| Pincus, Sidney | N 4574 | Rockville Centre, Incorporated Village of | N 3745 |
| Pine Hollow Country Club | N 4760 | Rockville Centre, Incorporated Village of | N 5193 |
| Pittis, Robert | N 4232 | Rockville Centre, Incorporated Village of | N 5194 |
| Pittsburgh Plate Glass Co. | N 4708 | Rolling Hills Country Club, Inc. | N 5450 |
| Plainview Center, Inc. | N 4617 | | |
| Plainview Water District | N 4096 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
|--------------------------------------------|-------------|------------------------------------------------|-------------|
| Roosevelt Field, Inc. | N 5484 | Schumacher, Fred (New Hyde Park) | N 3927 |
| Roosevelt Field, Inc. | N 5485 | Schumacher, Fred (Brookville).. | N 4435 |
| Roosevelt Field, Inc. | N 5507 | Schwartz, Harry | N 2172 |
| Roosevelt Field, Inc. | N 6045 | Sea Cliff Water Co. | N 5792 |
| Roosevelt Raceway, Inc. | N 6046 | Seaford Fire District | N 3412 |
| Rose, Robert | N 4518 | Seaford Fire District | N 3413 |
| Roslyn Savings Bank | N 4220 | Seaford Fire District | N 3414 |
| Roslyn Water District | N 2400 | Seaford Fire District | N 3611 |
| Roslyn Water District | N 4265 | Seaford Mar-Marina, Inc. | N 6062 |
| Roslyn Water District | N 4623 | Seamen & Eiseman, Inc. | N 5681 |
| Roslyn Water District | N 5852 | Sears Roebuck & Co. | N 4335 |
| Rosoff | N 5755 | Sears Roebuck & Co. | N 4498 |
| Ross Court | N 4226 | Sea & Surf Developers | N 5141T |
| Ross, John | N 5419 | Seligman, Walter | N 5431 |
| Rottkamp, Joseph M. | N 4493 | Servomechanisms, Inc. | N 3859 |
| Rowley, Dick | N 5441 | Setman Realty Corp. (Food Fair Store) | N 4128 |
| Rubber Corp. of America | N 3450 | Sharac Restaurant, Inc. | N 5920 |
| Rubinstein, Helena, Inc. | N 3752 | Shaw, Hollis B. | N 3939 |
| Rubinstein, Helena, Inc. | N 5708 | Shelbourne Grand Hotel | N 5768 |
| Rubinstein, Helena, Inc. | N 5883 | Sheridan Bowling Academy | N 5897 |
| Russell, Faris | N 2416 | Short, Livingston F. | N 3941 |
| Russell, J. | N 5908 | Silverman, Murray | N 4513 |
| Sailsbury Nursery | N 5340 | Simpson, A. | N 2632 |
| Sands Point, Village of | N 4389 | Sinclair Oil Co. | N 3839 |
| Sarant, L. | N 5709 | Skat Realty Corp. | N 5890 |
| Sawyer & Dolfinger (Bohack Store) | N 4140 | Smith, George | N 4131 |
| Sawyer & Dolfinger | N 6099 | Smith, George (Linco Building Corp.)..... | N 4308 |
| Schenk, G. | N 5599 | Smutny, Rudolph | N 5124 |
| Schenk, William | N 3145 | South Farmingdale Water District | N 4043 |
| Schindler, Gustave | N 3493 | South Farmingdale Water District | N 5147 |
| Schindler, Gustave, Estate | N 4763 | South Farmingdale Water District | N 5148 |
| Schopman, H. | N 3308 | | |
| Schumacher, Fred (New Hyde Park) | N 2623 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
|-------------------------------------------------------------------|----------|----------------------------------------------------------------|----------|
| South Shore Federal Savings & Loan Association | N 5216 | Tully, Edward A., Sr. | N 4141 |
| Sparks, T. Ashley | N 3942 | Turnpike Beverage Distributors | N 2587 |
| Sperry Gyroscope Co. | N 4173 | Uniondale Water District | N 4756 |
| Stanton, Michael J. | N 2225 | Union Free School District No. 14 (Hewlett High) | N 5589 |
| Stein, Joseph S. | N 5114 | Union Free School District No. 15 (Lawrence High) | N 6075 |
| Stein, Samuel | N 4541 | Union Free School District No. 20 (East Rockaway) | N 3562 |
| Sterling Estates (Gimbels Dept. Store) | N 5313 | Union Free School District No. 20 (Bay Park) | N 4310 |
| Sternberg, Louis L. | N 3690 | Union Free School District No. 20 (Bay Park) | N 4311 |
| Stop-N-Shop Super Market (S. & S. Wholesale Grocery Co.) | N 5081 | Union Free School District No. 20 (Lynbrook) | N 4312 |
| Straus, Jack | N 5085 | Union Free School District No. 20 (Lynbrook) | N 4313 |
| Sun Oil Co. | N 3831 | Union Free School District No. 23 (Massapequa) | N 4329 |
| Sunrise Food Exchange (Franklin Square) | N 4466 | Union Free School District No. 23 (Massapequa) | N 5973 |
| Sunrise Food Exchange (East Meadow) | N 4766 | United States Geological Survey (Plainview) | N 3355T |
| Sutton-in-Lawrence | N 3812T | United States Geological Survey (Cedarhurst) | N 3861 |
| Swan Club | N 3477 | United States Geological Survey (Lawrence) | N 3862 |
| Sweet Clover Dairy | N 4029 | United States Geological Survey (South Valley Stream) | N 3864 |
| Temple Beth-El | N 4893 | United States Geological Survey (Oceanside) | N 3865 |
| Temple Gates of Zion & Valley Stream Jewish Center | N 5167 | United States Geological Survey (Hewlett Bay Park) | N 3866 |
| Temple Israel | N 5010 | United States Geological Survey (Valley Stream) | N 3867 |
| Tepe, Otto | N 2608 | United States Geological Survey (Merrick) | N 4149 |
| Tepe, Otto | N 4111 | United States Geological Survey (Freeport) | N 4150 |
| 320 Fulton Corp. | N 5196 | United States Geological Survey (Great Neck) | N 4266 |
| Toren, Inc. (Mid-Island Hospital) | N 4463 | | |
| Towne & James Drugs | N 4060 | | |
| Townsend, J. | N 6091 | | |
| Traceo-Hempstead, Inc. (Kleins Store) | N 4334 | | |
| Triangle Sheet Metal Works, Inc. | N 5440 | | |
| Tube Distributors Co. Inc. | N 4057 | | |

INDEX OF WELLS BY OWNERS (Continued)

| Owner | Well No. | Owner | Well No. |
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| United States Printing & Lithographing Co. | N 2626 | Westbury Valet Co., Inc. | N 4231 |
| Usiskin, A. | N 4418 | Westbury Water District | N 2602 |
| Valley Stream Municipal Building | N 5134 | Westbury Water District | N 5007 |
| Van Vechten Burger | N 6004 | Westbury Water District | N 5654 |
| Village Avenue Associates, Inc. | N 3470 | Westbury Water District | N 5655 |
| Wachs, Jack | N 4515 | Westchester Racing Association.. | N 3511 |
| Wantagh Fire District | N 3868 | West Hempstead-Hempstead Gardens Water District | N 2239 |
| Wantagh Fire District | N 3870 | West Hempstead-Hempstead Gardens Water District | N 3704 |
| Wantagh Fire District | N 3871 | West Hempstead-Hempstead Gardens Water District | N 4118 |
| Wantagh Fire District | N 3918 | West Long Beach Sewer District | N 4249 |
| Wantagh Fire District | N 3919 | Whelan Drug Store | N 4419 |
| Wantagh Fire District | N 3947 | Wicks, George | N 3353 |
| Wantagh Fire District | N 3949 | Wicks, George | N 3842 |
| Wantagh Fire District | N 3950 | Williston Park, Village of | N 2487 |
| Wantagh Fire District | N 3951 | Willock, William, Jr. | N 3678 |
| Wantagh Fire District | N 3952 | Winther, Otto (Associated Food Store) | N 4237 |
| Wantagh Fire District | N 3989 | Wisbard, Milton | N 5251 |
| Wantagh Fire District | N 4059 | Witkin, D. W. | N 5398 |
| Wantagh Fire District | N 4076 | Wolosoff, A. B. | N 3621 |
| Wantagh Fire District | N 4139 | Woodall Industries | N 3579 |
| Wantagh Fire District | N 5036 | Woodmere Country Club | N 3926 |
| Wantagh Fire District | N 5255 | Woodside Farms, Inc. | N 4924 |
| Wardell, A. | N 4324 | Young, Nat. | N 3983 |
| Washburn, Stanley, Jr. | N 2849 | Your Garden, Inc. | N 5244 |
| Wayne Realty Corp. (Baldwin Theatre) | N 2216 | Zacharia, J. | N 5362 |
| Weekes, Miss Alice D. | N 2401 | Zimmerman, Samuel | N 4514 |
| Weingast, Sol. M. | N 4516 | Zwerling, Harry | N 4000 |
| Westbury Sand & Gravel Co. | N 5649 | Zwerling, Robert | N 5743 |
| Westbury Theatre Corp. | N 3484 | | |

REPORTS DEALING WITH GROUND-WATER CONDITIONS IN NEW YORK
PUBLISHED BY
THE NEW YORK STATE WATER POWER AND CONTROL COMMISSION

BULLETINS:

- *GW- 1. Withdrawal of Ground Water on Long Island, N. Y. (1936)
D. G. Thompson and R. M. Leggette
- GW- 2. Engineering Report on the Water Supplies of Long Island (1937)
Russell Suter
- *GW- 3. Record of Wells in Kings County, N. Y. (1937)
R. M. Leggette and others
- *GW- 4. Record of Wells in Suffolk County, N. Y. (1938)
R. M. Leggette and others
- *GW- 5. Record of Wells in Nassau County, N. Y. (1938)
R. M. Leggette and others
- *GW- 6. Record of Wells in Queens County, N. Y. (1938)
R. M. Leggette and others
- *GW- 7. Report on the Geology and Hydrology of Kings and Queens Counties, Long Island (1938)
Homer Sanford
- GW- 8. Record of Wells in Kings County, N. Y., Supplement 1 (1944)
R. M. Leggette and M. L. Brashears, Jr.
- GW- 9. Record of Wells in Suffolk County, N. Y., Supplement 1 (1945)
C. M. Roberts and M. L. Brashears, Jr.
- GW-10. Record of Wells in Nassau County, N. Y., Supplement 1 (1946)
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- *GW-12. The Water Table in the Western and Central Parts of Long Island, N. Y. (1945)
C. E. Jacob
- *GW-13. The Configuration of the Rock Floor in Western Long Island, N. Y. (1948)
Wallace De Laguna and M. L. Brashears, Jr.
- *GW-14. Correlation of Ground-Water Levels and Precipitation on Long Island, N. Y. (1945)
C. E. Jacob
- *GW-15. Progress Report on Ground-Water Resources of the Southwestern Part of Broome County, N. Y. (1946)
R. H. Brown and J. G. Ferris
- *GW-16. Progress Report on Ground-Water Conditions in the Cortland Quadrangle, N. Y. (1946)
E. S. Asselstine
- *GW-17. Geologic Correlation of Logs of Wells in Kings County, N. Y. (1948)
Wallace De Laguna
- GW-18. Mapping of Geologic Formations and Aquifers of Long Island, N. Y. (1950)
Russell Suter, Wallace De Laguna and N. M. Perlmutter
- GW-19. Geologic Atlas of Long Island (1950)
- GW-20. The Ground-Water Resources of Albany County, N. Y. (1949)
Theodore Arnow

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- GW-21. The Ground-Water Resources of Rensselaer County, N. Y. (1950)
R. V. Cushman
- GW-22. The Ground-Water Resources of Schoharie County, N. Y. (1950)
Jean M. Berdan
- GW-23. The Ground-Water Resources of Montgomery County, N. Y. (1950)
R. M. Jeffords
- GW-24. The Ground-Water Resources of Fulton County, N. Y. (1950)
Theodore Arnow
- GW-25. The Ground-Water Resources of Columbia County, N. Y. (1951)
Theodore Arnow
- GW-26. The Ground-Water Resources of Seneca County, N. Y. (1951)
A. J. Mozola
- GW-27. The Water Table in Long Island, N. Y., in January, 1951 (1952)
N. J. Luszynski and A. H. Johnson
- GW-28. Withdrawal of Ground-Water on Long Island, N. Y. (1952)
A. H. Johnson and others
- GW-29. The Ground-Water Resources of Wayne County, N. Y. (1951)
R. E. Griswold
- GW-30. The Ground-Water Resources of Schenectady County, N. Y. (1952)
E. S. Simpson
- GW-31. Records of Wells in Suffolk County, N. Y., Supplement 2 (1952)
A. H. Johnson and others
- GW-32. Ground-Water in Bronx, New York and Richmond Counties with Summary Data on
Kings and Queens Counties, New York City, N. Y. (1953)
N. M. Perlmutter and Theodore Arnow
- GW-33. The Ground-Water Resources of Washington County, N. Y. (1953)
R. V. Cushman
- GW-34. The Ground-Water Resources of Greene County, N. Y. (1954)
Jean M. Berdan
- GW-35. The Ground-Water Resources of Westchester County, N. Y., Part 1, Records of Wells
and Test Holes (1955)
E. S. Asselstine and I. G. Grossman
- GW-36. Saline Waters in New York State (1956)
N. J. Luszynski, J. J. Geraghty, E. S. Asselstine, and I. G. Grossman
- GW-37. The Ground-Water Resources of Putnam County, N. Y. (1957)
I. G. Grossman

An asterisk (*) indicates that the report is out of print, but such reports are available for consultation in certain libraries.

